

FLUKE®

Accessories Catalog

2017 edition



**Expand the capabilities
of your test tools**

GENUINE
FLUKE

You've already invested in a Fluke test and measurement tool. Now expand its capabilities with Fluke genuine accessories.

A digital multimeter can become a thermometer, an amp-meter, or even a pressure gauge.

Cases protect your tools. Non-contact detectors, probes and hat lights, meter hangers and appropriately rated test probes improve your safety and your proficiency.



Fluke CXT1000 Extreme Hard Case

The hard case that is designed for maximum protection and fits all your Fluke test tools and accessories. Configure the diced foam interior to store, protect, and carry your test tools. Waterproof and airtight, built to withstand the most extreme conditions.



Fluke AC288 Terminal Block Probe

The AC288 Terminal Block Probe features a retractable probe tip that provides safe and secure connections to clamp and screw type terminal blocks. Designed for increased safety, while providing flexibility to reach deep connection points.



Fluke CAMO-C25 Camouflage Carrying Case

The CAMO-C25 Camouflage Carrying Case is a durable, zippered carrying case with padding and inside pocket, and high quality polyester exterior. It includes a convenient hand strap and carries most of Fluke's popular digital multimeters. It is available in trendy camouflage.



Fluke Connect® ir3000 FC Connector

Wirelessly transfer data from your existing Fluke tools to your smart phone. Graph, save and share the tool's measurements straight from the field to the team.

Did you know?

New! Category ratings, safety standards: Test leads, probes, clips.

IEC 61010-031 covers safety requirements for handheld probe assemblies for electrical measurement and test. Recent updates require that the following changes be made to all test leads, probes and clips:

- Test lead wire must contain an inner layer wear indicator which allows for increased safety.
- Test probes used in CAT III and CAT IV measurement environments must be fully insulated and only allow a maximum of 4 mm of exposed metal at the probe tip. Older probe tips that had 19 mm (.75 in) of exposed metal must now be capped to allow only 4 mm of tip exposure if used in a high energy environment.
- Test probes with more than 4 mm of exposed metal at the probe tip can be used in CAT II measurements.
- Alligator clips must contain jaws which are fully insulated with no exposed metal accessible by a user's fingers.

For more information on CAT ratings and choosing the best test probe for your job, see the "Electrical measurement category ratings for test tools" chart on page 11 of this catalog.

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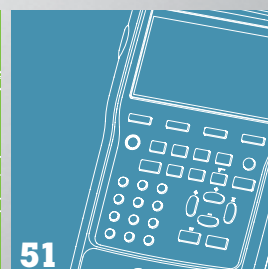
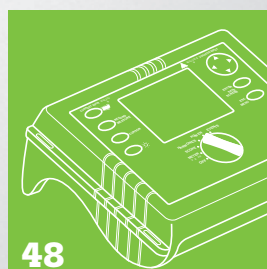
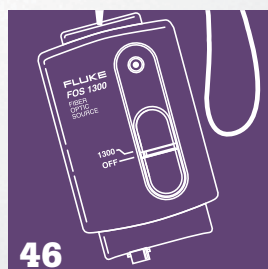
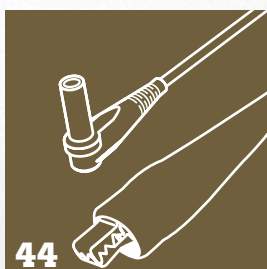
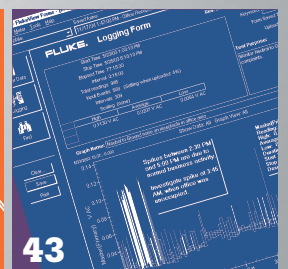
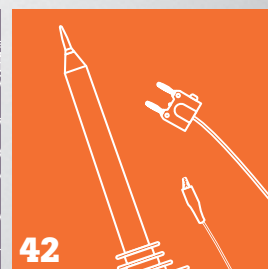
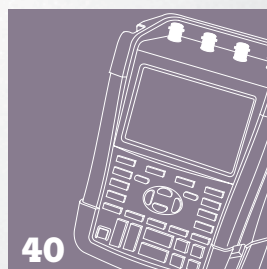
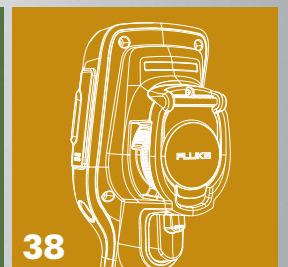
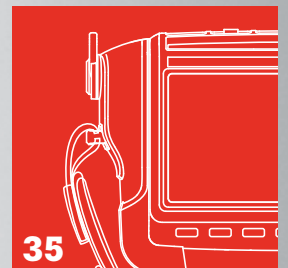
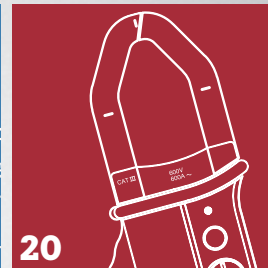
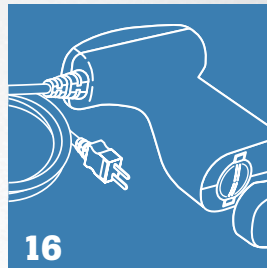
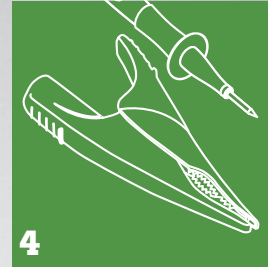
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Test leads

Test lead compatibility chart

[illegible]

Left to right: AC283, AC280, TP175, AC285, AC220, and TL224

Clips and probes compatibility chart

Model number	TL71	TL75	TL76	TL221	TL222	TL224	TL910
AC175	•	•	•				
AC87				•	•	•	
AC89				•	•	•	
AC220				•	•	•	
AC280				•	•	•	
AC283				•	•	•	
AC285				•	•	•	
AC288				•	•	•	
FTP-1				•	•	•	
TLK290				•	•	•	
TLK291				•	•	•	
TP1				•	•	•	
TP2				•	•	•	
TP4				•	•	•	
TP38				•	•	•	
TP74				•	•	•	
TP80				•	•	•	
TP175				•	•	•	
TP220				•	•	•	
TP912							•
TP920	•	•					
T5 Starter Kit	(compatible with T5/T+/T+Pro/330 Series Clamp Meters)						
TP165X	(compatible with 1503/1507/1577/1587)						

Did you know?

Because they are an integral part of the complete measurement system, worn or under-rated test leads can cause inaccurate readings and pose a serious shock or electrocution hazard if live wires are read as being de-energized.

To avoid these risks, use these precautions:

- Use the correct test probe for the application. Confirm that your meter and test accessory safety ratings meet or exceed the voltage level you plan to test. See the “Electrical measurement category ratings for test tools” chart on page 11 of this catalog for more information.
- Inspect your test leads before use to ensure the insulation is not nicked or cracked from age. Typically, you should plan on replacing your test leads every 18 months.
- Ensure there are no gaps or cracks at the junction between the insulated wire and banana plugs or probes at each end of the lead.
- Conduct a simple ohms measurement to confirm that your tools are electrically reliable and carry a signal within allowable loss parameters.



Test lead/probe-in-one

Test lead and probe-in-one accessories offer the convenience of a test lead and probe-in-one unit with a variety of connections.

TL175 TwistGuard™ Test Leads

- Probes meet IEC 61010-031 requirements for safety
- Patented extendable tip guard meets CAT III 1000 V, CAT IV 600 V requirements while providing the flexibility you need for CAT II measurements
- WearGuard™ test lead wear indicator show white inner layer when leads are damaged or worn and in need of replacement
- Probes always show correct category rating for tip length being used
- Advanced strain relief exceeds 5,000 bend life
- 2 mm (0.08 in) diameter probe tips
- Available as a modular test probe under TP175 (page 10)

TL75 Hard Point™ Test Lead Set

One pair (red, black) comfort grip probes with PVC-insulated, right-angle shrouded 4 mm (0.16 in) banana plugs.

- Safety rating: CAT II 1000 V, 10 A (CAT III 1000 V, CAT IV 600 V with protective cap)



TL75



TL71

TL71 Premium Test Lead Set

One pair (red, black) comfort grip probes with flexible silicone-insulated, right-angle test leads.

- Heat and cold resistant
- Safety rating: CAT II 1000 V, 10 A (CAT III 1000 V, CAT IV 600 V with protective cap)

TL76 2mm/4mm Test Lead Set

One pair (red, black) silicone test leads with right angle shrouded 4 mm (0.16 in) banana plugs.

- Removable lantern tip for use with European wall sockets, 4 mm (0.16 in) diameter
- Removable lantern tip for easy access to terminal blocks, 2 mm (0.08 in) diameter
- GS38 probe caps (removable) allow probing in CAT II, III and CAT IV environments
- Safety rating: CAT II 1000 V, 10 A (CAT III 1000 V, CAT IV 600 V with protective cap)



TL76



TL76



TL40



TL26A

TL40 Retractable Tip Test Lead Set

One pair (red, black) flexible silicone insulated test leads with sharp needle point tips adjustable to desired length from 0 mm to 76 mm.

- Extra hard probe tips to provide long service life
- Safety rating: CAT II 600 V, 3 A rating

TL26A 60 in 5-Way Test Lead Set

One pair (red, black) silicone-insulated leads with five different ways to connect.

- U-shaped nose for blade-shaped terminals
- Notched jaw for gripping screw heads, bare wire or terminals
- Serrated teeth for gripping threaded or wire-wrapped terminals
- Sharp needle cluster for piercing small gauge (#22-#28 AWG) wires
- Large piercing needle
- Safety rating: 30 V, 10 A

TL910 Electronic Test Probes

One pair (red, black) leads with very small tips to access hard-to-reach electronic test points.

- Includes three sets of spring-loaded gold tips and two sets of stainless steel tips
- Tip length up to 100 mm (4 in)
- Tip diameter: 1 mm (0.04 in)
- Safety rating: CAT II 1000 V, 3 A

TP912 Replacement Tips for TL910

Five sets of spring-loaded, tips to refurbish TL910 Electronic Test Probes.

- Very small 1 mm (0.04 in) tips to access hard-to-reach electronic test points
- Probe tip length up to 100 mm (4 in)
- Three sets of gold-plated and two sets of stainless steel tips

TP165X Remote Control Probe

Probe with integrated test button simplifies measurement when accessing hard-to-reach points.

- Probe designed for 1500 Series insulation and 1650 Series installation testers
- Tip length up to .735 in
- Tip diameter: 1 mm (0.04 in)
- Safety rating: CAT II 1000 V, (CAT III 1000 V, CAT IV 600 V with protective cap), 10 A

Probe-in-one clips

Probe-in-one clips and adapters expand the application of probe-in-one test leads.

New! AC288 SureGrip™ Terminal Block Probe

One pair (red, black) of probes features a retractable probe tip for connections to clamp and screw type terminal blocks.

- Designed for increased safety, while providing the flexibility to reach deep connection points
- 1 mm diameter probe tip extends out to 8.4 mm (0.33 in) length
- Recommended for use with the TL224, TL222, TL221 test leads
- Safety rating: CAT III 1000 V, CAT IV 600 V

AC173 Alligator Clip Set

One pair (red, black) slide-on alligator clips.

- 8 mm (0.32 in) clip opening
- Slide-on alligator clips are compatible with 4mm banana plugs and test leads, such as the TL221, TL222, TL224
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A

AC175 Alligator Clip Set

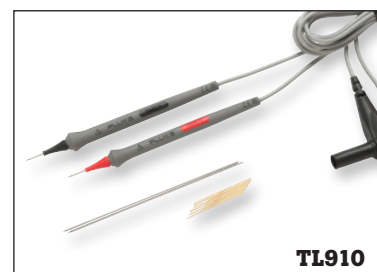
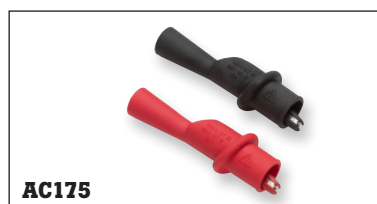
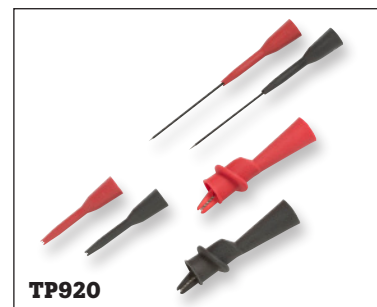
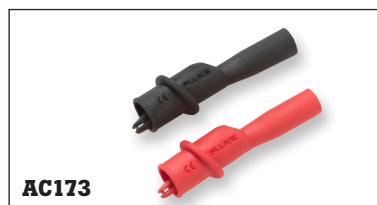
One pair (red, black) slide-on alligator clips.

- 8 mm (0.32 in) clip opening
- Slide-on alligator clips are compatible with TL71, TL75, TL175 and TP175 test probes
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A

TP920 Test Probe Adapter Set

Three pairs (red, black) push-on adapters.

- Includes IC test adapters, extended probe tips, and medium alligator clips
- Maximum opening 7.6 mm (0.3 in)
- Safety rating: IC test adapter CAT II 300 V, extended probe tips CAT II 300 V, medium alligator clips CAT II 1000 V



Modular test leads

Modular test leads provide the convenience of attaching clips, hooks and grabbers, as needed. All of these leads are 1.5 m (59 in) long, offer reinforced strain relief, and include banana jack terminations that allow a great variety of test lead configurations.



TL221



TL27

TL221 SureGrip™ Test Lead Extensions Set

One pair (red, black) silicone-insulated leads with safety-shrouded, 4 mm (0.16 in) banana plugs.

- Couplers have female connectors on both ends
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A



TL222

TL222 SureGrip™ Silicone Insulated Test Leads

One pair (red, black) silicone-insulated test leads (red, black) with safety-shrouded, 4 mm (0.16 in) banana plugs.

- Right angle connectors on both ends



TL224

TL224 SureGrip™ Insulated Test Leads

One pair (red, black) silicone-insulated test leads with safety-shrouded 4 mm (0.16 in) banana plugs.

- Right angle connector on one end and straight connector on the other
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A

TL27 Heavy-duty Test Lead Set

One pair (red, black) rugged, EPDM-insulated test leads with safety-shrouded 4 mm (0.16 in) banana plugs.

- Straight connectors on both ends
- Safety rating: CAT III 1000 V, 10 A

Test lead holder



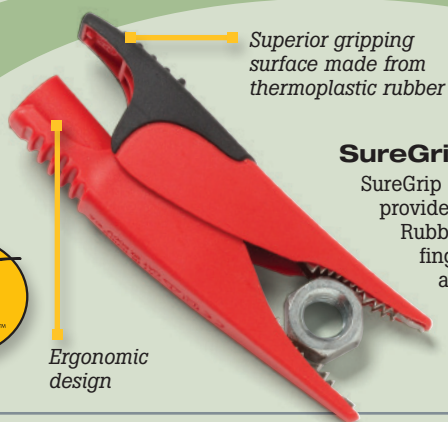
H900

H900 Test Lead Holder

Heavy-duty holder for conveniently storing test lead wires.

- Mounting holes for securing to wall or other surfaces
- For test lead wires up to 8 mm (0.31 in) in diameter
- Overall dimensions (LxWxH): 27.9 cm x 8.9 cm x 3.2 cm (11 in x 3.5 in x 1.25 in)

Test leads



SureGrip™ accessories

SureGrip accessories were designed to provide a reliable grip in slippery hands. Rubber-overmolded surfaces and finger-hugging curves give the user a comfortable, steady hold on the accessory so they can focus on making an accurate measurement.



Ergonomic design

Modular clips (for use with modular test leads)

Using modular test leads, this wide variety of clips allows the configuration of leads to individual needs.

AC285 SureGrip™

Alligator Clips

One pair (red, black) large alligator clips with insulated, nickel-plated steel jaws.

- Multi-purpose tooth pattern grips anything from fine gauge wire to a 20 mm (0.8 in) bolt
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A

AC220 SureGrip™

Alligator Clips

One pair (red, black) of small, insulated, nickel-plated jaws.

- Blunt tip grabs round screw heads up to 9.5 mm (0.37 in)
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A

AC280 SureGrip™

Hook Clips

One pair (red, black) nickel-plated hook-style clips.

- Profile narrows to 5.6 mm (0.22 in) at tip
- Hook opening 6.4 mm (0.25 in) at front
- Base opening of 0.2 mm (0.08 in)
- Safety rating: CAT IV 600 V, CAT III 1000 V, 3 A

AC283 SureGrip™

Pincer Clips

One pair (red, black) nickel-plated pincers open to 5 mm (0.2 in). Perfect for continuity testing on circuit board components such as diodes.

- 11.4 cm (4.49 in) flexible insulated shaft
- Safety rating: CAT IV 600 V, CAT III 1000 V, 1 A

AC89 Heavy Duty Insulation Piercing Test Clip

Ideal probe for establishing accurate contact through insulation.

- Pierces 0.25 mm to 1.5 mm (0.01 in to 0.06 in) insulated wire
- Safety rating: 1000 V, 10 A

AC87 Heavy Duty Bus Bar Clip Set

One pair (red, black) flat, right angle clips designed for connecting to bus bars.

- Adjustable collar provides two ranges of jaw openings up to 30 mm (1.18 in)
- Safety rating: CAT III 600 V, 5 A



AC280



AC283



AC285



AC89



AC220



AC87

Modular test probes (for use with modular test leads)

Using modular test leads, this wide variety of test probes allows the configuration of leads for a wide variety of needs, whether industrial, electrical, or electronic.



TP175

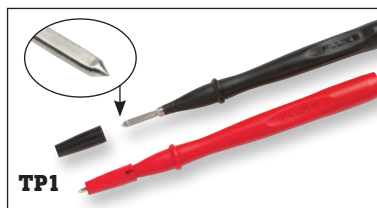
TP175 TwistGuard™ Test Probes

- Modular test probes of the popular TL175 Test Leads (page 6)
- Patented extendable tip guard meets CAT III 1000 V, CAT IV 600 V requirements while providing the flexibility you need for CAT II measurements
- 2 mm (0.08 in) diameter stainless steel probe tips

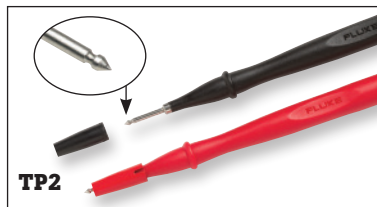
TP220 SureGrip™ Industrial Test Probes

One pair (red, black) industrial test probes with stainless steel tip.

- Sharp, 12 mm (0.47 in) tips
- Safety rating: CAT II 1000 V (CAT III 1000 V, CAT IV 600 V with protective cap), 10 A



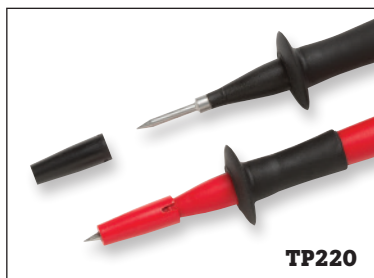
TP1



TP2



TP4



TP220

TP1 Slim Reach™ Test Probes

One pair (red, black) slender probes with flat stainless steel blade to hold securely in blade-type electrical wall sockets.

- Tip length up to 14.7 mm (0.58 in)
- Safety rating: CAT II 1000 V, 10 A (CAT III 1000 V, CAT IV 600 V with protective cap)

TP2 Slim Reach™ Test Probes

One pair (red, black) slender stainless steel probes for accessing closely-spaced or recessed terminals such as in electronic environments.

- 2 mm (0.08 in) diameter tip
- Safety rating: CAT II 1000 V, 10 A (CAT III 1000 V, CAT IV 600 V with protective cap)

TP4 Slim Reach™ Test Probes

One pair (red, black) slender stainless steel probes for accessing closely-spaced or recessed electrical terminals.

- 4 mm (0.16 in) diameter probe tip designed to fit securely into IEC (C13 and C14) electrical wall outlets
- Safety rating: CAT II 1000 V, 10 A



TP74



TP38

TP80 Electronic Test Probes

One pair (red, black) electronics test probes.

- IC-insulated cap prevents shortening of IC legs for probing high density components or boards
- Tip length up to 3.9 mm (0.157 in)
- Tip diameter: 1 mm (0.04 in)
- Safety rating: CAT III 1000 V, 1 A

TP74 Lantern Tip Test Probes

One pair (red, black) featuring nickel-plated brass ends.

- Banana-style 4 mm (0.16 in) spring contacts
- Safety rating: CAT II 1000 V, 10 A (CAT III 1000 V, CAT IV 600 V with protective cap)

TP38 Slim Reach™ Test Probes

One pair (red, black) slender stainless steel probes for accessing closely-spaced or recessed terminals.

- Tip length: 24 mm (0.95 in) which includes the insulated part of the tip
- Probe tip insulated to 4 mm (0.16 in) from the end
- Safety rating: CAT IV 600 V, CAT III 1000 V, 10 A



TP80

How to choose the best test probe for your job?

IEC 61010 electrical measurement category ratings for test tools

Make sure that your accessory ratings meet or exceed the rating of your measurement environment.

Measurement category	In brief	Examples
CAT IV	Three-phase at utility connection, any outdoor mains conductors	- Refers to the “origin of installation,” i.e., where low-voltage connection is made to utility power - Electricity meters, primary overcurrent protection equipment - Outside and service entrance, service drop from pole to building, run between meter and panel - Overhead line to detached building, underground line to well pump
CAT III	Three-phase distribution, including single-phase commercial lighting	- Equipment in fixed installations, such as switchgear and polyphase motors - Bus and feeder in industrial plants - Feeders and short branch circuits, distribution panel devices - Lighting systems in larger buildings - Appliance outlets with short connections to service entrance
CAT II	Single-phase receptacle connected loads	- Appliance, portable tools, and other household and similar loads - Outlet and long branch circuits - Outlets at more than 10 meters (30 feet) from CAT III source - Outlets at more than 20 meters (60 feet) from CAT IV source

Test leads

11

Patch cords

Patch cords connect two test points or two test instruments or accessories together.

TL932 Patch Cords (90 cm)

One pair (red, black) multi-stacking banana plug patch cords, 90 cm (35.4 in) long.

- Nickel-plated, 4 mm (0.16 in) banana plugs
- 90 cm long PVC insulated leads
- 30 V rms or 60 V dc, 15 A

TL930 Patch Cords (60 cm)

One pair (red, black) multi-stacking banana plug patch cords, 61 cm (24 in) long.

- Nickel-plated, 4 mm (0.16 in) banana plugs
- 61 cm long PVC insulated leads
- 30 V rms or 60 V dc, 15 A

TL935 Patch Cords (60 cm, 90 cm, 120 cm)

Three sets (red and black pairs) of multi-stacking banana plug patch cords in different lengths.

- Nickel-plated, 4 mm (0.16 in) banana plugs
- 60 cm, 90 cm, and 120 cm (23.6 in, 35.4 in, and 47.2 in) long PVC insulated leads
- 30 V rms or 60 V dc, 15 A

TL940 Mini-Hook Test Leads

One pair (red, black) of test leads with multi-stacking 4 mm banana plugs and mini-hooks.

- Mini-hooks attach to component leads up to 1.5 mm diameter
- 90 cm long PVC insulated leads
- 30 V rms or 60 V dc, 3 A

TL950 Mini-Pincer Test Leads

One pair (red, black) of test leads with multi-stacking 4 mm banana plugs and mini-pincers.

- Mini-pincers open to 2.3 mm
- 90 cm long PVC insulated leads
- 30 V rms or 60 V dc, 3 A

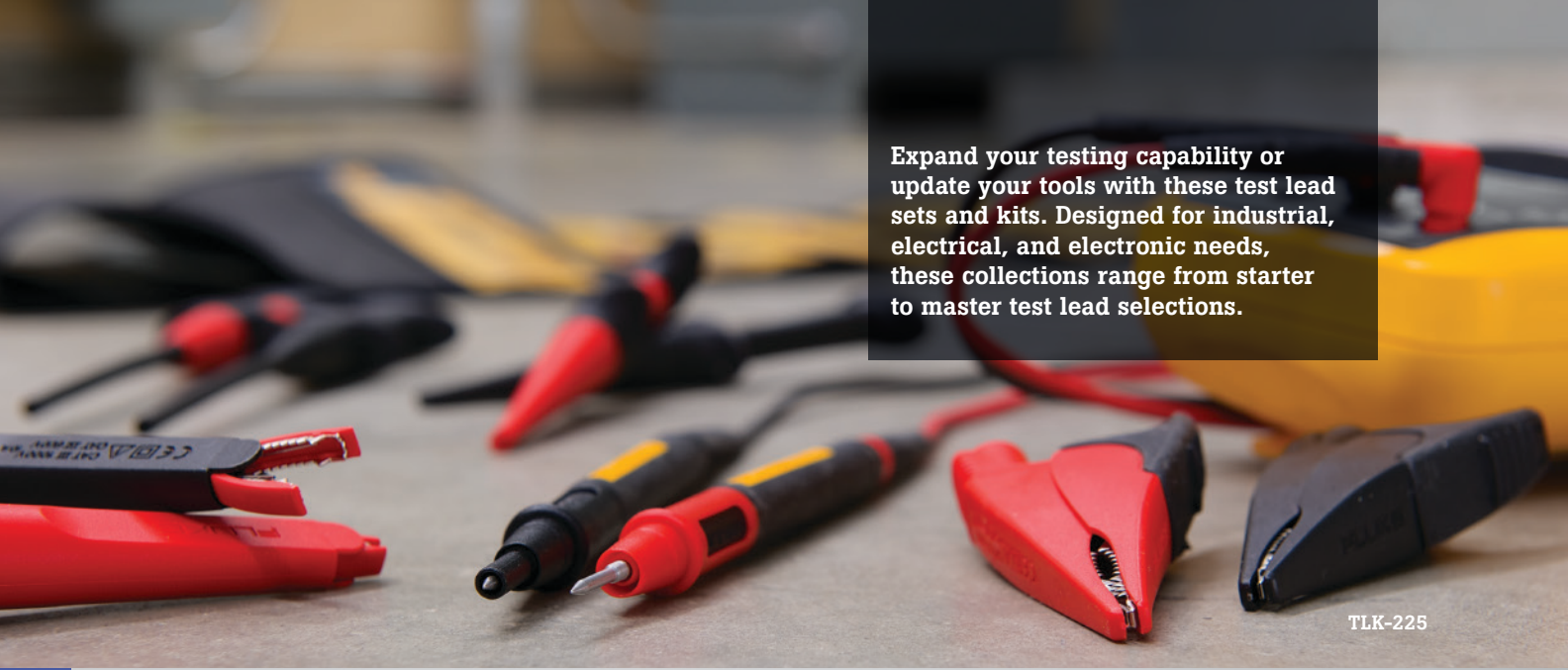
TL960 Micro-Hook Test Leads

One pair (red, black) of test leads with multi-stacking 4 mm banana plugs and micro-hooks.

- Micro-hooks attach to component leads up to 1 mm diameter
- 90 cm long PVC insulated leads
- 30 V rms or 60 V dc, 3 A

TL970 Hook and Pincer Set

- TL940 Mini-Hook Test Lead Set
- TL950 Mini-Pincer Test Lead Set
- TL960 Micro-Hook Test Lead Set



Expand your testing capability or update your tools with these test lead sets and kits. Designed for industrial, electrical, and electronic needs, these collections range from starter to master test lead selections.

TLK-225

Test lead sets and kits

Test lead sets and kits compatibility chart

[illegible]

Clips and probes compatibility chart

Model number	TL27	TL80A	TL81A	TL220	TL223	TL225	TL238	TLK-220	TLK-225	TLK287	TLK289
AC175		•	•								
AC87	•		•	•	•	•	•	•	•	•	•
AC89	•		•	•	•	•	•	•	•	•	•
AC220	•		•	•	•	•	•	•	•	•	•
AC280	•		•	•	•	•	•	•	•	•	•
AC283	•		•	•	•	•	•	•	•	•	•
AC285	•		•	•	•	•	•	•	•	•	•
FTP-1	•		•	•	•	•	•	•	•	•	•
TLK290			•	•	•	•	•	•	•	•	•
TLK291			•	•	•	•	•	•	•	•	•
TP1	•		•	•		•	•	•	•	•	•
TP2	•		•	•	•	•	•	•	•	•	•
TP4	•		•	•	•	•	•	•	•	•	•
TP38	•		•	•	•	•	•	•	•	•	•
TP74	•		•	•	•	•	•	•	•	•	•
TP80	•		•	•	•	•	•	•	•	•	•
TP175	•		•	•	•	•	•	•	•	•	•
TP220	•		•	•	•	•	•	•	•	•	•
TP912										•	
TP920		•	•								
T5 Starter Kit	(compatible with T5/T+/T+Pro/330 Series Clamp Meters)										
TP165X	(compatible with 1503/1507/1577/1587/1650 Series)										


TLK289

TLK289 Industrial Master Test Lead Set

Designed for electrical and electronics testing in today's industrial environment including clips and probes for dependable contact with a variety of test points. Includes eight items:

- One pair each (red, black)
 - AC285 SureGrip™ Alligator Clips
 - AC220 SureGrip™ Alligator Clips
 - AC280 SureGrip™ Hook Clips
 - TP220 SureGrip™ Industrial Test Probes
- TPAK ToolPak™
- 80BK-A Integrated DMM Temperature Probe
- C116 Soft Carrying Case


TLK287

TLK287 Electronics Master Test Lead Set

The perfect test lead set for today's electronics test and design. Includes 11 items:

- Precision electronic probes with multiple spring-loaded sharp tips to maximize contact with SMD test points
- Micro-grabbers and leads to enable fine SMD testing
- Mini-alligator clips, grabbers, and probes for virtually every electronics need
- Modular test leads and lead-probe combinations
- Couplers for long lead applications



TL81A

TL81A Deluxe Electronic Test Lead Kit

This 11-item kit includes pouch and two each (red, black) of:

- Test leads with a safety-shrouded, right angle banana connector on one end and a stainless steel test probe on the other. Rated up to 10 A.
- Insulated alligator clips. Rated up to 10 A
- Insulated probe tip extenders. Rated up to 3 A
- Modular test probes with banana jack connector. Rated up to 10 A
- Modular hook-style clip test leads. Rated up to 5 A
- Modular pinch-style clip test leads. Rated up to 5 A
- Modular alligator clips. Rated up to 10 A
- Slide-on IC probe tip adapters (rated up to 3 A) and test lead couplers
- Bare spade lug. Rated to 10 A

TL220 SureGrip™ Industrial Test Lead Set

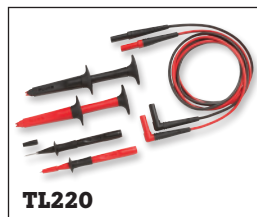
Handy all-in-one set that includes essential test items

for industrial environments. Three-item set includes:

- AC220 SureGrip™ Alligator Clips
- TP220 SureGrip™ Industrial Test Probes CAT II 1000 V, 10 A without protective cap
- TL224 SureGrip™ Silicone Insulated Test Leads
- Safety rating: all CAT IV 600 V, CAT III 1000 V



TL80A



TL220

TL80A Basic Electronic Test Lead Kit

The fundamental accessories for testing are included in this four-item kit.

- Medium alligator clip CAT II 1000 V, 10 A
- Extended probe tips CAT II 300 V, 3 A
- TL71 Premium Test Lead Set
- C75 Accessory Case

TLK-225 SureGrip™ Master Accessory Set

Set includes all the SureGrip™ leads, clips, and probes in a handy roll-up pouch. This 13-item set includes:

- AC220 SureGrip™ Alligator Clips
- AC280 SureGrip™ Hook Clips
- AC283 SureGrip™ Pincer Clips
- AC285 SureGrip™ Alligator Clips
- TP175 TwistGuard™ Test Probes
- TL224 SureGrip™ Insulated Test Leads
- Six-pocket storage pouch
- Safety rating: all CAT IV 600 V, CAT III 1000 V

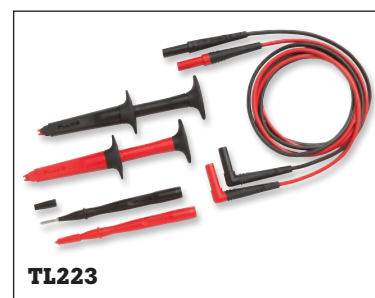
TL223 SureGrip™ Electrical Test Lead Set

All-in-one set includes three test lead accessories:

- AC220 SureGrip™ Alligator Clips
- TP1 Slim Reach Test Probes (flat-bladed)
- TL224 SureGrip™ Insulated Test Leads
- Safety rating: CAT II 1000 V, 10 A (CAT III 1000 V, CAT IV 600 V with protective cap)



TLK-225



TL223



TLK-220

TLK-220 US SureGrip™ Industrial Test Lead Kit

Special-value SureGrip™ five-piece kit for industrial applications, in a roomy carrying case. Kit includes:

- AC220 SureGrip™ Alligator Clips
- AC285 SureGrip™ Alligator Clips
- TP220 SureGrip™ Industrial Test Probes
- TL224 SureGrip™ Insulated Test Leads
- C116 zippered vinyl case with moveable divider
- Safety rating: CAT II 1000 V (CAT III 1000 V, CAT IV 600 V with protective cap), 10 A

FTP-1 / FTPL-1 SureGrip™ Fused Test Probes

- Built-in fuses for added protection
- 2 mm threaded probe tips include removable 4 mm lantern-style spring contacts
- FTPL-1 comes with a set of TL224 SureGrip™ Silicone Insulated Test Leads
- Safety rating: CAT II 1000 V (CAT III 1000 V, CAT IV 600 V with protective cap), 10 A

T5 Starter Kit

Special-value three-piece kit for the electrical professional with a Fluke T5 Voltage, Continuity and Current Tester. Kit includes:

- TP238 Insulated Test Probes
- AC285 SureGrip™ Alligator Clips
- C33 Soft Carrying Case
- Safety rating: all CAT IV 600 V, CAT III 1000 V


FTP-1

FTPL-1

TLK291

T5 Starter Kit

TLS430 Test Leads and Alligator Clips

Test lead replacement set for the Fluke 430 Series Three-Phase Power Quality Analyzers.

- Set includes five each (4 black, 1 green) of test leads and alligator clips
- Safety rating: CAT IV 600 V, CAT III 1000 V

TL238 SureGrip™ Test Lead Set for High Energy Environments

This kit is specially designed for high energy environments. Three-piece kit includes:

- TP238 SureGrip™ Insulated Test Probe Set
- TP280 SureGrip™ Test Probe Extender
- TL224 SureGrip™ Insulated Test Leads
- Safety rating:
 - TP238 and TL224: CAT IV 600 V, CAT III 1000 V, 10 A
 - TP280: CAT III 1000 V, 10 A

TL225 SureGrip™ Stray Voltage Adapter Test Lead Kit

The Fluke TL225 adds low input impedance to a multimeter, desensitizing it to low energy and eliminating ghost or stray voltages. Four-piece kit includes:

- SV225 Stray Voltage Adapter
- TL224 SureGrip™ Insulated Test Leads
- TP238 Insulated Test Probes
- C75 Accessory Case
- Safety rating: All CAT IV 600 V, CAT III 1000 V, 10 A

For more information on the adapter, see page 47.


TL238

TLK290 Flexible Socket Probe Set

Set includes three flexible socket probes and a large alligator clip for use with 4 mm (0.16 in) shrouded test leads.

- Test probes are for use on motor and three-phase sockets
- Probes have flexible test points that fit securely between 4 mm and 8 mm (0.16 in and 0.32 in) sockets
- Alligator clip opening: 20 mm (0.8 in)
- Safe contact such as in CEE 16 A and CEE 32 A plugs
- Safety rating: CAT II 1000 V, 8 A

TLK291 Fused Test Probe Set

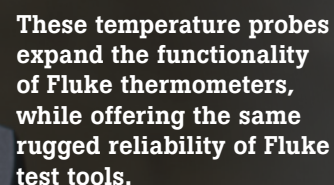
One pair (red, black) fused test probes offer added measurement protection by providing firm and secure contact. Probes fit on modular leads or on fixed-lead test tools.

- Each probe contains a 500 mA/1000 V/50 kA fuse
- Safety rating: CAT IV 600 V, CAT III 1000 V


TL225

TLK290

TLS430



80PK-10

Temperature accessories

16

Temperature specifications

[illegible]

The innovative SureGrip™ design from Fluke is available in select temperature probes. The soft rubber handle and comfortable ergonomic shape make it easier to hold the probe and focus on the measurement.



Left to right: 80PK-27, 80PK-26, 80PK-24

Temperature compatibility

Model number	80AK-A	80BK-A	All 80PK Probes	80PJ-1/ 80PJ-9	80PT-25	80TK	80T- 150UA	80PJ-EXT	80PK-EXT	80PT-EXT	80CK-M	80CJ-M	80PR-60
10/11/12/12B			*			•	•		*		*		
110/111/112			*			•	•		*		*		
114/115/116/117	116	116	◆						▲		▲		
20/70 Series			*			•	•		*		*		
27						•	•		*		*		
70/73 III			*			•	•		*		*		
175/177			*			•	•		*		*		
179	•	•	▲						▲		▲		
80 Series III/83V			*			•			*		*		
87/89 IV	•	•	▲						▲		▲		
87V	•	•	▲						▲		▲		
187/189	•	•	▲				•		▲		▲		
287/289	•	•	▲				•		▲		▲		
45/8845/8846			*			•	•		*		*		
43B			*			•	•		*		*		
90 Series			*			•	•		*		*		
120 Series			*			•	•		*		*		
190 Series			*			•	•		*		*		
50S/50D			•	•				•	•		•	•	
51/52/53/54 II			•	•	•			•	•	•	•	•	
63/66/68													66/68
714			•	•	•			•	•	•	•	•	
715			*			•	•		*		*		
725/726			•	•	•			•	•	•	•	•	
741/743/744			•	•	•			•	•	•	•	•	
787/789			*			•	•		*		*		
902	•	•	•						•				
1587	•	•	▲						▲		▲		
1577	•		▲										
561			•										
574/576			•										

• Compatible; * Requires 80TK; ▲ Requires 80AK-A; ◆116 only: requires 80AK-A

Temperature probes

These temperature probes expand the functionality of Fluke thermometers, while offering the same rugged reliability of Fluke test tools.



80PK-1



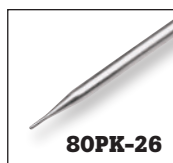
80PK-3A



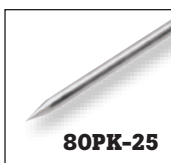
80PK-9



80PK-27



80PK-26



80PK-25



80PK-24



80PK-22

General purpose measurements

80PJ-1 or 80PK-1 Bead Probe

Type J or K thermocouple probe for general-purpose applications. Ideal for troubleshooting.

- 1 m (39 in) lead
- 1 mm (0.04 in) probe with Teflon® insulation
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

80PJ-9 or 80PK-9 General Purpose Probe

Type J or K thermocouple probe for air and non-caustic gases. The sharp tip pierces pipe insulation and the flat surface makes good contact.

- 1 m (39 in) lead
- 15.25 cm (6 in) stainless steel probe
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

80PK-26 SureGrip™ Tapered Temperature Probe

Type K thermocouple probe with tapered tip for speedy air, surface, non-caustic gas, and liquid measurements.

- 1 m (39 in) lead
- 203 mm (8 in) stainless steel probe
- Measurement range: -40 °C to 816 °C (-40 °F to 1500 °F)

Surface measurements

80PK-3A Surface Probe

Type K thermocouple with exposed junction for flat or slightly convex surfaces such as plates and rollers.

- 1.3 m (4 ft) lead
- 9.525 cm (3.75 in) probe with Teflon® insulation
- Measurement range: 0 °C to 260 °C (32 °F to 500 °F)

80PK-27 SureGrip™ Industrial Surface Temperature Probe

Type K thermocouple probe for surfaces in rugged environments.

- 1 m (39 in) lead
- 20.32 cm (8 in) stainless steel probe
- Measurement range: -127 °C to 600 °C (-197 °F to 1112 °F)

Piercing measurements

80PK-25 or 80PT-25 SureGrip™ Piercing Temperature Probe

Type K or T thermocouple suitable for food industry, liquids, and gels. Sharp tip pierces solid surfaces.

- 1 m (39 in) lead
- 10.16 cm (4 in) stainless steel probe
- Measurement range:
 - Type K: -40 °C to 350 °C (-40 °F to 662 °F)
 - Type T: -196 °C to 350 °C (-321 °F to 662 °F)

Air measurements

80PK-24 SureGrip™ Air Temperature Probe

Type K thermocouple probe for air and non-caustic gas measurements.

- 1 m (39 in) lead
- 21.59 cm (8.5 in) Inconel® probe
- Bead protected by perforated baffle
- Measurement range: -40 °C to 816 °C (-40 °F to 1500 °F)

Immersion measurements

80PK-22 SureGrip™ Immersion Temperature Probe

Type K thermocouple probe for use in liquids and gels.

- 1 m (39 in) lead
- 21.27 cm (8.375 in) Inconel® probe
- Measurement range: -40 °C to 1090 °C (-40 °F to 1994 °F)

Pipe measurements

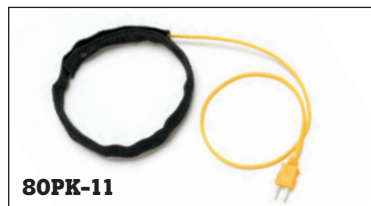
80PK-8 and 80PK-10 Pipe Clamp Temperature Probe

Type K thermocouple clamps securely to pipes for fast temperature and superheat measurements.

- Durable ribbon sensor
- 1 m (39 in) lead
- 80PK-8 for pipe diameters 6.4 mm to 34.9 mm (0.25 in to 1.375 in)
- 80PK-10 for pipe diameters 32 mm to 64 mm (1.25 in to 2.5 in)
- Measurements are repeatable to 0.56 °C (1 °F)
- Measurement range: -29 °C to 149 °C (-20 °F to 300 °F)



80PK-8
80PK-10



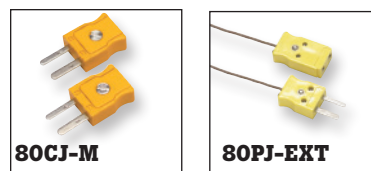
80PK-11



80PR-60



80TK



80CJ-M

80PJ-EXT

80PK-11 Type-K Velcro® Thermocouple Temperature Probe

Type K Velcro cuff for use with any temperature-measuring instrument that accepts type K thermocouples.

- Use multiples and leave in place for route-based routine maintenance
- 1 m (39 in) lead
- 48 cm (19 in) Velcro® cuff
- Measurement range: -30 °C to 105 °C (-22 °F to 221 °F)

80PK-18 Pipe Clamp Temperature Probe Kit

- Includes both 80PK-8 and 80PK-10 Type K clamps
- Provides full range of pipe measurement sizes
- Includes soft carrying case to conveniently keep both clamps



80T-150UA



80AK-A



80BK-A

handy for any situation

Contact measurements (for use with non-contact infrared thermometers)

80PR-60 RTD Temperature Probe

This probe expands the utility of an RTD non-contact infrared thermometer by simultaneously taking contact and non-contact temperature readings.

- For use with the Fluke 66 and 68 Infrared Thermometers
- 1 m (39 in) lead
- 90 mm (3.5 in) platinum 1 KW probe
- 3.5 mm (0.14 in) phono type jack
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

Temperature adapters for DMMs

80AK-A Thermocouple Adapter

Adapts type K thermocouple mini-connector to dual shrouded 4 mm (0.16 in) banana plug inputs.

- Measurement range and accuracy: probe dependent
- Suitable for low voltage applications (below 30 V ac, 60 V dc)

80BK-A Integrated DMM Temperature Probe

Convenient, integrated type K thermocouple probe with standard shrouded 4 mm (0.16 in) banana jack.

- Compatible with Fluke DMM with temperature measurement functions
- 1 m (39 in) lead
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

80TK Thermocouple Module

This module converts a DMM to a thermometer and is designed for use with type K thermocouples in low voltage applications.

- Voltage range: below 24 V ac, 60 V dc
- 1 m (39 in) lead
- Measurement range: -50 °C to 1000 °C (-58 °F to 1832 °F) (probe dependent)

80T-150UA Universal Temperature Probe

Adapts any DMM using shrouded 4 mm (0.16 in) banana plugs. This fast, accurate integrated probe is designed for low-voltage applications.

- For air, surface, and non-corrosive applications
- Voltage range: below 24 V ac, 60 V dc
- 1.1 m (42 in) lead
- 15.7 cm (6.2 in) probe tip
- Measurement range: -50 °C to 150 °C (-58 °F to 302 °F)
- Output: switchable, from 1 mV/°C to 1 mV/°F

Other temperature accessories

80CJ-M or 80CK-M Male Mini-Connectors

Type J or K thermocouple, suitable for up to 20-gauge thermocouple wire.

- Isothermal screw terminal for J wire
- Two per package

80PJ-EXT, 80PK-EXT, or 80PT-EXT Extension Wire Kit

This kit extends and repairs type J, K, or T thermocouple wires for thermometers.

- Includes 3 m (118 in) of thermocouple wire and one pair of male/female mini-connectors
- Maximum continuous exposure temperature: 260 °C (500 °F)

Fluke current clamps extend the current ranges of digital multimeters, power quality analyzers, and oscilloscopes and are available for both ac and ac/dc environments. Most clamps are made with a soft, non-slippery overmold handle to prevent accidental touching of live wires.

i400

Current clamps: AC

20

AC current clamp specifications

	i5s	i200	i200s	i400	i400s	i800	i1000s	i3000s
AC range	10 mA to 5 A	0.5 A to 240 A	0.5 A to 240 A	1 A to 400 A	0.5 A to 400 A	0.1 A to 800 A	100 mA to 1000 A	1 A to 3000 A
Accuracy	10 mA to 1 A 1% + 5 mA 1 A to 5 A 1%, 48 Hz to 65 Hz	≤ 3% + 0.5 A 48 Hz to 65 Hz	≤ 1% + 0.5 A 48 Hz to 65 Hz	2% + 0.06 A 45 Hz to 400 Hz	.5 A to 40 A, 2% + .015 A, 5 A to 400 A, 2% + .04 A, 45 Hz to 400 Hz	± 2% of rdg., 50 Hz to 1 kHz ± 3% of rdg., (typical) 30 Hz to 50 Hz and 1 kHz to 10 kHz	0.2 to 10 A: 3% + 0.1 A 10 A to 100 A: 2% + 0.5 A 100 A to 1000 A: 1% + 1 A 48 Hz to 65 Hz	1 A to 30 A: 2% + 0.1 A 1 A to 300 A: 2% + 0.5 A 1 A to 3000 A: 2% + 2 A 48 Hz to 65 Hz
Bandwidth (-3 dB)	40 Hz to 5 kHz	10 kHz to 40 kHz	40 Hz to 40 kHz	5 Hz to 20 kHz	5 Hz to 10 kHz	30 Hz to 10 kHz	10 Hz to 100 kHz	10 Hz to 100 kHz
Maximum conductor dia.	15 mm (0.59 in)	20 mm (0.8 in)	20 mm (0.8 in)	32 mm (1.25 in)	32 mm (1.25 in)	54 mm (2.13 in)	54 mm (2.13 in)	64 x 100 mm (2.52 in x 3.94 in)
Maximum conductor size	2 AWG	300 MCM	300 MCM	750 MCM	750 MCM	2-500 MCM or 1-1000 MCM	2-500 MCM or 1-1000 MCM	64 mm (2.52 in)
Output levels	400 mV/A	1 mA/A	10 mV/A 100 mV/A	1 mA/A	10 mV/A 1 mV/A	1 mA/A	1 mV/A 10 mV/A 100 mV/A	10 mV/A 1 mV/A 0.1 mV/A
Output cable	2.5 m to BNC termination	1.5 m shrouded banana plugs	2 m to BNC termination	1.5 m shrouded banana plugs	2.5 m to BNC termination	1.6 m shrouded banana plugs	1.6 m to BNC termination	2.1 m to BNC termination
Warranty	One-year	One-year	One-year	One-year	One-year	One-year	One-year	One-year
Safety rating	CAT III 600 V	CAT III 600 V	CAT III 600 V	CAT III 1000 V CAT IV 600 V	CAT III 1000 V CAT IV 600 V	CAT III 600 V	CAT III 600 V	CAT III 600 V

	i430-flex	i2000 flex	i3000s flex-24/i3000s flex-36	i6000s flex-24/i6000s flex-36
AC range	30 A to 3000 A	20 A to 2000 A	30 A to 3000 A	60 A to 6000 A
Accuracy	± 1% of reading at 25 °C, 50 Hz	± 1% of range 45 Hz to 65 Hz Ranges: 20 A, 200 A, 2000 A	± 1% of range, 45 Hz to 65 Hz, Ranges: 30 A, 300 A, 3000 A	± 1% of range, 45 Hz to 65 Hz, Ranges: 60 A, 600 A, 6000 A
Bandwidth (-3 dB)	10 Hz to 7 kHz	10 Hz to 20 kHz	10 Hz to 50 kHz	10 Hz to 50 kHz
Maximum conductor dia.	177 mm (7 in)	177 mm (7 in)	177 mm (7 in) or 265 mm (10.4 in)	177 mm (7 in) or 265 mm (10.4 in)
Maximum conductor size	610 mm (24 in) circumference	610 mm (24 in) circumference	610 mm (24 in) circumference	610 mm (24 in)/915 mm (36 in) circumference
Output levels	85 mV at 1000 A rms, 50 Hz	100 mV/A, 10 mV/A, 1 mV/A	100 mV/A, 10 mV/A, 1 mV/A	50 mV/A, 5 mV/A, 0.5 mV/A
Output cable	2.5 m to BNC termination	2 m with double shrouded banana plugs	2.1 m to BNC termination	2 m to BNC termination
Battery life	No battery		400 hours	400 hours
Warranty	One-year	One-year	One-year	One-year
Safety rating	CAT III 1000 V, CAT IV 600 V	CAT III 600 V	CAT III 600 V	CAT III 600 V

Left to right: i800, i400, i200s

21

AC clamp-on current probe compatibility

Model number	i5s	i200	i200s	i400	i400s	i800	i1000s	i3000s	i2000 FLEX ¹	i3000s FLEX	i6000s FLEX ³
10/11/12/12B/16/18			1 A to 200 A		1 A to 400 A*		0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
110/111/112			3 A to 200 A		30 A to 400 A*		3 A to 1000 A*	30 A to 3000 A	3 A to 2000 A	3 A to 3000 A	6 A to 6000 A
114/116			1 A to 200 A		0.6 A to 400 A*		0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
115/117		60 A to 200 A	1 A to 200 A	60 A to 400 A	0.6 A to 400 A*	60 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
21/23/73/75/77 Series III		1 A to 200 A	1 A to 200 A	1 A to 400 A	1 A to 400 A*	0.1 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
26/79 Series III		1 A to 40 A	1 A to 200 A	1 A to 40 A/ 200 A to 400 A	2 A to 400 A*	0.4 A to 40 A, 200 A to 800 A	0.2 A to 1000 A*	2 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
27		1 A to 200 A	1 A to 200 A	1 A to 400 A	1 A to 400 A*	0.1 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
70 Series III			1 A to 200 A		1 A to 400 A*		0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
77-IV						0.1 A to 800 A					6 A to 6000 A
175/177/179		3 A to 200 A	1 A to 200 A	3 A to 400 A	1 A to 400 A*	3 A to 800 A	0.3 A to 1000 A*	3 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
1577/1587		3 A to 200 A	1 A to 200 A	3 A to 400 A	3 A to 400 A*	3 A to 800 A	0.3 A to 1000 A*	3 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
83III/83V/88V		2 A to 200 A	1 A to 200 A	2 A to 400 A	1 A to 400 A*	0.25 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
85/87 Series III 87 Series V		2 A to 200 A	1 A to 200 A	2 A to 400 A	2 A to 400 A*	2 A to 800 A	0.2 A to 1000 A*	2 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
87/89 Series IV 187/189		2.5 A to 200 A	1 A to 200 A	2.5 A to 400 A	0.5 A to 400 A*	2.5 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
287/289		1 A to 200 A	1 A to 200 A	1 A to 400 A	0.5 A to 400 A*	1 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	
8060A/8062A		2 A to 200 A	1 A to 200 A	2 A to 400A	2 A to 400 A*	2 A to 800 A	0.2 A to 1000 A*	2 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
860 Series		1 A to 200 A	1 A to 200 A	1 A to 400 A	3 A to 400 A*	1.5 A to 800 A	0.3 A to 1000 A*	3 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
39/41B			1 A to 200 A ²		1 A to 400 A ²		0.2 A to 1000 A ²	1 A to 3000 A ²	2 A to 2000 A ²	3 A to 3000 A ²	6 A to 6000 A
43B			0.5 A to 200 A		0.5 A to 400 A		0.1 A to 1000 A	1 A to 3000 A	20 A to 2000 A	30 A to 3000 A	60 A to 6000 A
434/435	10 mA to 6 A		0.5 A to 200 A		0.5 A to 400 A		0.1 A to 1000 A	1 A to 3000 A	20 A to 2000 A	30 A to 3000 A	60 A to 6000 A
9X Series			0.5 A to 200 A		0.5 A to 400 A		0.1 A to 1000 A	1 A to 3000 A	20 A to 2000 A	30 A to 3000 A	60 A to 6000 A
120 Series			0.5 A to 200 A		0.5 A to 400 A		0.1 A to 1000 A	1 A to 3000 A	20 A to 2000 A	30 A to 3000 A	60 A to 6000 A
190 Series			0.5 A to 200 A		0.5 A to 400 A		0.1 A to 1000 A	1 A to 3000 A	20 A to 2000 A	30 A to 3000 A	60 A to 6000 A
45 DMM		1.5 A to 100 A	1 A to 200 A	1.5 A to 100 A	1.5 A to 400 A*	1.5 A to 100 A, 500 A to 800 A	0.15 A to 1000 A*	1.5 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
8808A		1 A to 200 A	1 A to 200 A	1 A to 400 A	0.5 A to 400 A*	1 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
8845A/8846A		1 A to 200 A	1 A to 200 A	1 A to 400 A	1 A to 400 A*	0.5 A to 800 A	0.2 A to 1000 A*	1 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
75X Series			1.1 A to 200 A		11 A to 400 A*		1.1 A to 1000 A*	11 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A
787/789		50 A to 200 A	1 A to 200 A	50 A to 400 A	2 A to 400 A*	50 A to 440 A	0.2 A to 1000 A*	2 A to 3000 A	2 A to 2000 A	3 A to 3000 A	6 A to 6000 A

*Requires PM9081/001 Adapters. ¹Three range version. ²Current and watt readings will be multiples of 10 higher or lower than actual on some ranges.

³Current readings will read half of the expected cardinal value on all meters.

AC-only clamps

Fluke current clamps provide accurate current measurements without breaking electric circuits.

i800 AC Current Clamp

This ac current clamp is designed to extend the current measuring capability of a digital multimeter to 800 A ac. It is compatible with a digital multimeter that accepts shrouded 4 mm (0.16 in) banana plugs and has an ac milliamp range.

- Current range: 100 mA to 800 A rms ac
- Frequency range: 30 Hz to 10 kHz (-3 dB)
- Safety rating: CAT III 600 V rms

i400 AC Current Clamp

This high-safety current clamp for digital multimeters is a single range 400 A ac clamp that is designed to offer maximum utility in a very compact shape. It is compatible with most digital multimeters or any other current measurement device that accepts 4 mm (0.16 in) shrouded banana plugs and has an ac milliamp range. The division ratio is 1000:1.

- Current range: 1 A to 400 A ac
- Frequency range: 5 kHz to 20 kHz (-3 dB)
- Safety rating: CAT IV 600 V, CAT III 1000 V

i400s AC Current Clamp

This high-safety compact current clamp with BNC output is a companion to a ScopeMeter or power quality meter to measure up to 400 A ac.

- Current range: 0.5 A to 400 A ac
- Frequency range: 5 Hz to 10 kHz (-3 dB)
- Optional PM9081/001 Dual Banana Plug Male to Female BNC Adapter is available for digital multimeters
- Safety rating: CAT IV 600 V, CAT III 1000 V

i200 AC Current Clamp

This small-sized single-range current clamp features safety-shrouded 4 mm (0.16 in) banana plugs. It is compatible with most digital multimeters or other current measurement device that accepts shrouded 4 mm (0.16 in) banana plugs and has an ac milliamp range.

- Current range: 1 A to 200 A ac
- Frequency range: 40 Hz to 40 kHz
- Safety rating: CAT III 600 V

i200s AC Current Clamp

This small-sized dual-range current clamp offers voltage output using a safety-insulated BNC connector. A dual banana-to-BNC adapter allows the clamp to be connected to meters with banana inputs. It is an ideal companion to a ScopeMeter, power quality meter, or digital multimeter.

- Current ranges: 0.1 A and 200 A ac switchable
- Frequency range: 40 Hz to 10 kHz
- Safety rating: CAT III 600 V

i2000 Flex AC Current Clamp

This current probe utilizes the Rogowski (air-cored coil) principle. It can be used to measure currents up to 2000 A when used in conjunction with multimeters, recorders, or data loggers. The flexible and lightweight measuring head allows quick and easy installation on thick and hard-to-reach areas.

- Current range: 20 A, 200 A, and 2000 A ac switchable
- Frequency range: 10 Hz to 20 kHz
- Safety rating: CAT III 600 V

i1000s AC Current Clamp

This large ac current clamp expands applications in industrial and power environments by connecting directly to an oscilloscope using a reinforced coaxial cable and an insulated BNC connector. It is ideal for measuring distorted current waveform rms and harmonics.

- Current range: 0.1 A to 1000 A ac
- Frequency range: 10 Hz to 100 kHz
- Accurate displays due to a passive filter that eliminates noise and ring on rapidly-rising di/dt waveforms
- Optional PM9081/001 Dual Banana Plug Male to Female BNC Adapter is available for digital multimeters
- Safety rating: CAT III 600 V



i400



i400s



i200



i200s



i800

i3000s AC Current Clamp

This ac current clamp is designed as a clamp-on unit for use with oscilloscopes. It also includes a dual banana to BNC adapter for use with multimeters with 4 mm (0.16 in) banana input plugs. This clamp is optimized for measurement on power distribution systems.

- Current range: 1 A to 3000 A
- Frequency range: 10 Hz to 100 kHz
- Safety rating: CAT III 600 V

i3000s Flex-24 or -36 AC Current Clamp

The flex clamp uses the Rogowski (air-cored coil) principle and can be used to measure three ranges of currents up to 3000 A when used in conjunction with oscilloscopes, recorders or data loggers. The flexible and lightweight measuring head allows quick and easy installation in hard-to-reach areas without batteries or an external power source. This clamp fits around large conductors and is available in 610 mm and 914 mm (24 in and 36 in) lengths.

- Current range: 30 A, 300 A, and 3000 A switchable
- Frequency range: 10 Hz to 50 kHz
- Safety rating: CAT III 600 V

i3000s Flex-24 is available in a convenient four-pack (i3000s Flex 4 Pack)

i5s AC Current Clamp

This compact 5 A ac clamp, specially configured to provide low-current accuracy while taking measurements on secondary current transformers, expands the use of the Fluke 430 Series Three-Phase Power Quality Analyzer.

- Current range: 10 mA to 5 A
- Frequency range: 40 Hz to 5 kHz
- Safety rating: CAT III 600 V (for insulated conductors only)

Also available in a convenient three-pack (i5sPQ3)

i6000s Flex-24 or -36 AC Current Clamp

This ac current clamp utilizes the Rogowski (air-cored coil) principle and measures three ranges of currents up to 6000 A when used in conjunction with oscilloscopes, recorders, or data loggers. The flexible and lightweight measuring head allows quick and easy installation in hard-to-reach areas without batteries or an external power source. This clamp fits around large conductors and is available in both 610 mm and 914 mm (24 in and 36 in) lengths.

- Current range: 60 A, 600 A, and 6000 A switchable
- Frequency range: 10 Hz to 50 kHz (-3 dB)
- Safety rating: CAT III 600 V



i2000



i6000s



i3000s Flex-24 and -36



i1000s



i5s



i3000s



i1010

Current clamps: AC/DC

24

AC/DC current clamp specifications

	i30	i30s	80i-110s	i310s	i410	i1010
DC range	30 mA to 30 A	30 mA to 30 A	0.1 A to 100 A	0.1 A to 300 A	1 A to 400 A	1 A to 1000 A
AC range	30 mA to 20 A rms	30 mA to 20 A rms	0.1 A to 70 A	0.1 A to 300 A	1 A to 400 A	1 A to 600 A
Accuracy	± 1 % of reading, ± 2 mA	± 1 % of reading, ± 2 mA	0.1 A to 10 A; dc to 1 kHz; ± 3 % + 50 mA; up to 100 A add 15 %; up to 20 kHz add 12 %	30 A range: 1 % + 50 mA 300 A range: 1 % + 300 mA	3.5 % + 0.5 A for dc or ac (45 Hz to 400 Hz)	2 % + 0.5 A for dc or ac (45 Hz to 400 Hz)
Bandwidth (-3 dB)	dc to 20 kHz (-0.5 dB)	dc to 100 kHz (-0.5 dB)	100 kHz	dc to 20 kHz	3 kHz	10 kHz
Zero error adjustment	Yes	Yes	Yes	Yes	Yes	Yes
Maximum conductor diameter	19 mm (0.75 in)	19 mm (0.75 in)	11.8 mm (0.46 in)	19 mm (0.75 in)	30 mm (1.18 in)	30 mm (1.18 in)
Maximum conductor size	250 MCM	250 MCM	1 AWG	250 MCM	750 MCM or 2-500 MCM	750 MCM or 2-500 MCM
Output levels	100 mV/A	100 mV/A	10 mV/A, 100 mV/A	10 mV/A, 1 mV/A	1 mV/A	1 mV/A
Output cable	1.5 meter with shrouded dual banana plug	2 meter with BNC termination	1.6 meter with BNC termination	2 meters with BNC termination and a BNC to safety shrouded banana adapter	1.2 meter with shrouded banana plugs	1.2 meter with shrouded banana plugs
Battery life (hours)	30	30	40	30	60	60
Warranty	One-year	One-year	One-year	One-year	One-year	One-year
Safety	CAT III 300 V	CAT III 300 V	CAT II 600 V, CAT III 300 V	CAT III 300 V	CAT III 600 V	CAT III 600 V

Left to right: i410, 80i-110s, i30

AC/DC clamp-on current probe compatibility

Model number	80i-110s	i410	i1010	i30	i30s	i310s
10/11/12/12B/16/18	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	5 A to 400 A dc/ 7 A to 400 A ac	5 A to 1000 A dc/ 7 A to 600 A ac	40 mA to 30 A dc/ 60 mA to 20 A ac	40 mA to 30 A dc/ 60 mA to 20 A ac	0.4 A to 450 A dc/ 0.6 A to 300 A ac
110/111/112	0.14 A to 100 A dc/ 3 A to 70 A ac*	5 A to 400 A dc/ 300 A to 400 A ac	5 A to 1000 A dc/ 300 A to 600 A ac	40 mA to 30 A dc/ 3 A to 20 A ac	40 mA to 30 A dc/ 3 A to 20 A ac	0.4 A to 450 A dc/ 30 A to 300 A ac
114/115/116/117	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1.4 A to 400 A dc/ 6 A to 400 A ac	1.4 A to 1000 A dc/ 6 A to 600 A ac	30 mA to 30 A dc/ 60 mA to 20 A ac	30 mA to 30 A dc/ 60 mA to 20 A ac	0.1 A to 450 A dc/ 0.6 A to 300 A ac
21/23/70/73/ 75/77 Series III	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 5 A to 400 A ac	1 A to 1000 A dc/ 5 A to 600 A ac	30 mA to 30 A dc/ 40 mA to 20 A ac	30 mA to 30 A dc/ 40 mA to 20 A ac	0.1 A to 450 A dc/ 0.4 A to 300 A ac
26/79 Series III	0.1 A to 100 A dc/ 0.2 A to 70 A ac*	1 A to 400 A dc/ 20 A to 400 A ac	1 A to 1000 A dc/ 20 A to 600 A ac	30 mA to 30 A dc/ 200 mA to 20 A ac	30 mA to 30 A dc/ 200 mA to 20 A ac	0.1 A to 450 A dc/ 2 A to 300 A ac
27	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 1 A to 400 A ac	1 A to 1000 A dc/ 1 A to 600 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	0.1 A to 450 A dc/ 0.1 A to 300 A ac
77-IV	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 5 A to 400 A ac	1 A to 1000 A dc/ 5 A to 600 A ac	30 mA to 30 A dc/ 40 mA to 20 A ac	30 mA to 30 A dc/ 40 mA to 20 A ac	0.1 A to 450 A dc/ 0.4 A to 300 A ac
175/177/179	0.11 A to 100 A dc/ 0.3 A to 70 A ac*	1.6 A to 400 A dc/ 30 A to 400 A ac	1.6 A to 1000 A dc/ 30 A to 600 A ac	30 mA to 30 A dc/ 300 mA to 20 A ac	30 mA to 30 A dc/ 300 mA to 20 A ac	0.1 A to 450 A dc/ 3 A to 300 A ac
1577/1587	0.1 A to 100 A dc/ 0.3 A to 70 A ac*	1.2 A to 400 A dc/ 30 A to 400 A ac	1.2 A to 1000 A dc/ 30 A to 600 A ac	30 mA to 30 A dc/ 300 mA to 20 A ac	30 mA to 30 A dc/ 300 mA to 20 A ac	0.1 A to 450 A dc/ 3 A to 300 A ac
83-III/83-V/88-V	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 1 A to 400 A ac	1 A to 1000 A dc/ 1 A to 600 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	0.1 A to 450 A dc/ 0.1 A to 300 A ac
85-III/87-III/87-V	0.1 A to 100 A dc/ 0.2 A to 70 A ac*	1 A to 400 A dc/ 20 A to 400 A ac	1 A to 1000 A dc/ 20 A to 600 A ac	30 mA to 30 A dc/ 200 mA to 20 A ac	30 mA to 30 A dc/ 200 mA to 20 A ac	0.1 A to 450 A dc/ 2 A to 300 A ac
87-IV/89-IV/ 187/189	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 2.5 A to 400 A ac	1 A to 1000 A dc/ 2.5 A to 600 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	0.1 A to 450 A dc/ 0.25 A to 300 A ac
287/289	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 1 A to 400 A ac	1 A to 1000 A dc/ 1 A to 600 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	0.1 A to 450 A dc/ 0.1 A to 300 A ac
8060A/8062A	0.1 A to 100 A dc/ 0.2 A to 70 A ac*	1 A to 400 A dc/ 20 A to 400 A ac	1 A to 1000 A dc/ 20 A to 600 A ac	30 mA to 30 A dc/ 200 mA to 20 A ac	30 mA to 30 A dc/ 200 mA to 20 A ac	0.1 A to 450 A dc/ 2 A to 300 A ac
860 Series	0.1 A to 100 A dc/ 0.3 A to 70 A ac*	1 A to 400 A dc/ 30 A to 400 A ac	1 A to 1000 A dc/ 30 A to 600 A ac	30 mA to 30 A dc/ 300 mA to 20 A ac	30 mA to 30 A dc/ 300 mA to 20 A ac	0.1 A to 450 A dc/ 3 A to 300 A ac
39/41B	Usable but will read 10 or 100 times higher	1 A to 400 A ac** Not spec'd for dc	1 A to 600 A ac** Not spec'd for dc	Usable but will read 100 times higher**	Usable but will read 100 times higher	Not spec'd for dc 0.6 A to 300 A ac
9X Series	0.1 A to 100 A dc/ 0.1 A to 70 A ac	1 A to 400 A dc/ 5 A to 400 A ac**	1 A to 1000 A dc/ 5 A to 600 A ac**	30 mA to 30 A dc/ 50 mA to 20 A ac**	30 mA to 30 A dc/ 50 mA to 20 A ac	0.1 A to 450 A dc/ 0.5 A to 300 A ac
120 Series	0.1 A to 100 A dc/ 0.1 A to 70 A ac	1 A to 400 A dc/ 25 A to 400 A ac**	1 A to 1000 A dc/ 25 A to 600 A ac**	30 mA to 30 A dc/ 250 mA to 20 A ac**	30 mA to 30 A dc/ 250 mA to 20 A ac	0.1 A to 300 A dc/ 0.1 A to 300 A ac
190 Series	0.1 A to 100 A dc/ 0.1 A to 70 A ac	1 A to 400 A dc/ 5 A to 400 A ac**	1 A to 1000 A dc/ 5 A to 600 A ac**	30 mA to 30 A dc/ 50 mA to 20 A ac**	30 mA to 30 A dc/ 50 mA to 20 A ac	0.1 A to 300 A dc/ 0.1 A to 300 A ac
45 DMM	0.1 A to 100 A dc/ 0.15 A to 70 A ac*	1 A to 400 A dc/ 15 A to 400 A ac	1 A to 1000 A dc/ 15 A to 600 A ac	30 mA to 30 A dc 150 mA to 20 A ac	30 mA to 30 A dc 150 mA to 20 A ac	0.1 A to 450 A dc/ 1.5 A to 300 A ac
8808A	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 2 A to 400 A ac	1 A to 1000 A dc/ 2 A to 600 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	0.1 A to 450 A dc/ 0.2 A to 300 A ac
8845A/8846A	0.1 A to 100 A dc/ 0.1 A to 70 A ac*	1 A to 400 A dc/ 1 A to 400 A ac	1 A to 1000 A dc/ 1 A to 600 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	30 mA to 30 A dc/ 30 mA to 20 A ac	0.1 A to 450 A dc/ 0.1 A to 300 A ac
705/707	0.1 A to 100 A dc, no ac*	4 A to 400 A dc, no ac	4 A to 1000 A dc, no ac	40 mA to 30 A dc, no ac	40 mA to 30 A dc, no ac	0.4 A to 450 A dc, no ac
715	0.1 A to 100 A dc, no ac*	4 A to 400 A dc, no ac	4 A to 1000 A dc, no ac	40 mA to 30 A dc, no ac	40 mA to 30 A dc, no ac	0.1 A to 450 A dc, no ac
74X Series	0.1 A to 100 A dc/ 1.1 A to 70 A ac*	1 A to 400 A dc/ 110 A to 400 A ac	1 A to 1000 A dc/ 110 A to 600 A ac	30 mA to 30 A dc/ 1.1 A to 20 A ac	30 mA to 30 A dc/ 1.1 A to 20 A ac	0.1 A to 450 A dc/ 11 A to 300 A ac
787/789	0.1 A to 100 A dc/ 0.2 A to 70 A ac*	1 A to 400 A dc/ 20 A to 400 A ac	1 A to 1000 A dc/ 20 A to 600 A ac	30 mA to 30 A dc/ 200 mA to 20 A ac	3 mA to 30 A dc/ 200 mA to 20 A ac	0.1 A to 450 A dc/ 2 A to 300 A ac

*Requires PM9081/001 Adapters. **Requires PM9082/001 Adapter

AC/DC clamps

AC/DC current clamps are available for a range of applications and professions.

i410 AC/DC Current Clamp

This battery-powered Hall-effect probe measures 1 A to 400 A with large-claw clamp that gives access to difficult-to-reach areas. It is compatible with most multimeters and other devices that measure ac and dc current and accepts shrouded 4 mm (0.16 in) banana plugs.

- On/Off LED indicator
- AC and dc current range: 1 A to 400 A
- Frequency range: 3 kHz
- Safety rating: CAT III 600 V

i410-KIT AC/DC Current Clamp and Carry Case Kit

This special-value kit for electrical professionals adds ac and dc current measurement capabilities to a digital multimeter. A roomy carrying case holds a meter and the current clamp plus test leads, probes and manuals. Kit includes:

- i410 AC/DC Current Clamp
- C116 Soft Carrying Case

i1010 AC/DC Current Clamp

This clamp measures both ac and dc currents with a large-jaw, battery-powered Hall-effect probe that gives access to difficult-to-reach areas. It is compatible with most Fluke multimeters and any other devices that measure ac and dc current and accept shrouded 4 mm (0.16 in) banana plugs.

- On/Off LED indicator
- AC current range: 1 A to 600 A ac
- DC current range: 0.5 A to 1000 A dc
- Frequency range: dc to 10 kHz
- Safety rating: CAT III 600 V rms

i1010-Kit AC/DC Current Clamp and Carry Case Kit

This special-value kit for electrical professional adds ac and dc current measurement capabilities to a digital multimeter. A roomy carrying case holds a meter and the current clamp plus test leads, probes and manuals. Kit includes:

- i1010 AC/DC Current Clamp
- C116 Soft Carrying Case

80i-110s AC/DC Current Clamp

This clamp is compatible with ScopeMeter, power harmonics analyzer, multimeter, or other voltage measurement device that has BNC input connectors.

- AC current range: 0.1 A to 70 A
- DC current range: 0.1 A to 100 A
- Frequency range: 1 Hz to 100 kHz
- Optional PM9081/001 Dual Banana Plug Male to Female BNC Adapter is available for digital multimeters
- Safety rating: CAT II 600 V

i30 AC/DC Current Clamp

Based on Hall-effect technology, this battery-powered clamp measures both ac and dc current. It may be used in conjunction with multimeters, recorders and other suitable recording instruments for accurate non-intrusive current measurement.

- AC current range: 30 mA to 20 A rms
- DC current range: 30 mA to 30 A
- Frequency range: dc to 20 kHz (-0.5 dB)
- Safety rating: CAT III 300 V

i30s AC/DC Current Clamp

Based on Hall effect technology, this battery-powered clamp measures both ac and dc current. It may be used with ScopeMeter and other suitable recording instruments for accurate non-intrusive current measurement.

- AC current range: 30 mA to 20 A rms
- DC current range: 30 mA to 30 A
- Frequency range: dc to 100 kHz (-0.5 dB)
- Safety rating: CAT III 300 V



i410



i1010



i410-KIT



i1010-Kit



80i-110s

Did you know?

Does your current probe read zero current when you clamp it around a power cord? That's because the power cord has both the hot and neutral current carrying wire in it. If both wires are in the jaws of the clamp meter, the fields cancel each other out, and the current clamp will read nothing. You need to put just one current-carrying conductor in the jaw of the current clamp. If you don't have access to the separate wires within the cord, use a line splitter tool to avoid breaking the circuit.



i30

i310s AC/DC Current Clamp

Based on Hall-effect technology, this battery-powered clamp measures both ac and dc current. It may be used with ScopeMeter and other suitable recording instruments for accurate non-intrusive current measurement. This clamp is especially useful for current measurements on inverters, switching power supplies, industrial controllers, automotive diagnostics, and other applications requiring current measurements and/or waveform analysis.

- AC current range: 0.1 A to 300 A
- DC current range: 0.1 A to 300 A
- Frequency range: dc to 20 kHz
- Safety rating: CAT III 300 V



i30s



i310s



H5

Cases, holsters, and hangers

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Soft cases compatibility

Model number	C23	C25	CAMO -C25	C33	C35	CAMO -C37	C43	C50	C75	C90	C115	C116	C150	C280	C345	C550	C781	C789
114/115/116/117	•	•	•		•			•	For multiple test leads and accessories		•	•		•	For multiple meters, test leads and accessories	For multiple meters, test leads and accessories		
175/177/179		•	•		•					•	•	•		•			•	
187/189		•	•		•		•				•	•		•			•	
287/289												•		•			•	
27 II/28 II		•	•		•						•	•		•				
61	•																	
77 IV	•	•	•	•	•	•				•	•	•	•	•				
83V/87V/88V		•	•		•						•	•		•				
233	•	•	•		•		•				•	•		•				
323/324/325	•	•	•	•		•							•					
373/374/375/ 376/902				•		•							•					
353/355							•											
365						•												
1503/1507/1577/1587		•	•		•						•	•		•			•	
9040/9062		•	•															
430/1735/1740 Series																		
43B/120 Series					•		•				•	•		•			•	•
190 Series																		
51/52/53/54 II		•	•		•			•			•	•		•				
570 Series																		
705/707					•						•	•		•				
712/714/715/717		•	•		•						•	•		•				
718					•		•				•	•		•			•	•
724/725/726		•	•				•				•	•		•			•	
753/754																	•	•
787		•	•	•	•	•					•	•	•	•				•
789		•	•		•						•	•		•			•	•
922	•	•	•		•					•								
971	•	•	•															
T5/T+/T+Pro				•		•							•					
T90/T110/T130/T150													•					
VT02/VT04/VT04A										•								

CXT

Hard cases compatibility

Model number	Hard cases									Leather cases		Holsters					Hangers
	C20	C100	C101	CXT80	CXT170	CXT280	CXT1000	C800	C1600	C510	C520A	H80M	H3	H5	H6	H15	ToolPak
114/115/116/117					•		For multiple meters, accessories and other tools		For multiple meters, accessories and other tools								•
175/177/179		•	•		•			•		•							•
187/189	•		•	•													•
27 II/28 II	•	•	•	•													
61			•														
77 IV					•			•		•							•
83V/87V/88V		•	•	•				•		•		•					•
233			•	•				•									•
287/289	•		•			•											•
323/324/325			•										•				
373/374/375/376/902			•										•				
1503/1507/1577/1587			•		•					•							
9040/9062			•														•
1735/1740 Series																	
430 Series																	
43B/120 Series																	
190 Series																	
922												•					
971			•														
51/52/53/54 II			•		•					•							•
561															•		
705/707			•														
712/714/715/717		•	•		•			•		•		•					715
718			•														
724/725/726			•							•							•
787		•	•	•	•	•		•		•		•					
789			•	•	•	•				•							•
T5/T+/T+Pro			•								•			•		T+/T+Pro	
T90/T110/T130/T150															•	•	

Soft cases

C12A Meter Case

Zippered case with inside pockets and belt loop for convenient carrying.

- Made of polyester
- Dimensions (HxWxD):
172 mm x 128 mm x 38 mm
(6.8 in x 5 in x 1.5 in)

C23 Soft Carrying Case

Zippered case featuring a belt loop for convenient carrying and an inner pocket to store test leads or small accessories.

- Made of durable vinyl
- Ideal companion case to:
 - Fluke 61 and 65 Infrared Thermometers
 - Fluke 321 and 322 Clamp Meters
- Dimensions (HxWxD):
225 mm x 95 mm x 58 mm
(8.9 in x 3.75 in x 2.3 in)

C25 Large Soft Case for DMMs

Zippered carrying case with padding and inside pocket for holding accessories.

- Made of polyester
- Dimensions (HxWxD):
218 mm x 128 mm x 64 mm
(8.6 in x 5 in x 2.52 in)



C35



C116



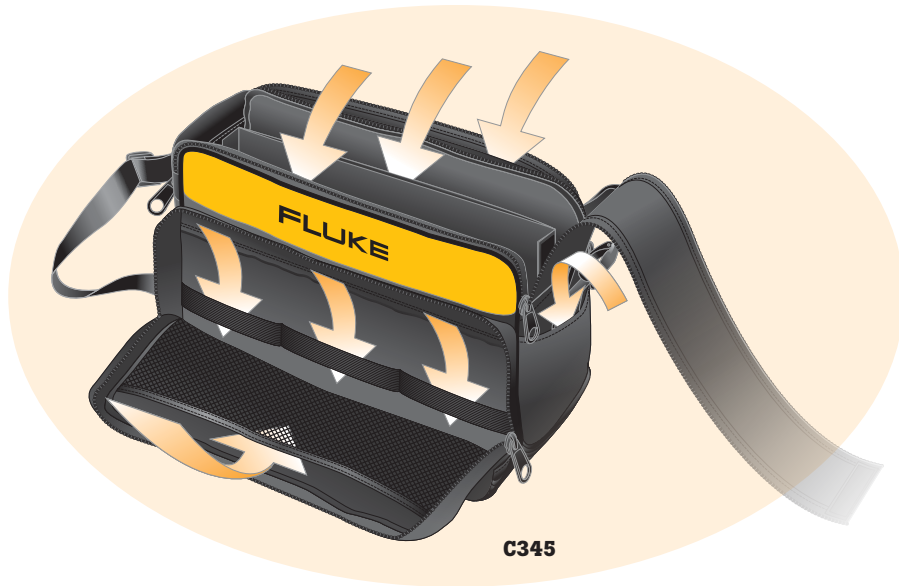
C115



C280



C25



C345

CAMO-C25 Camouflage Carrying Case

Zippered carrying case with padding and inside pocket for holding accessories.

- High quality 1000D fabric
- Dimensions (HxWxD):
20.3 cm x 12.1 cm x 4.6 cm
(8 in x 4.8 in x 1.8 in)

C33 Soft Carrying Case

Zippered carrying case with durable vinyl exterior and belt loop. Inner pocket stores test leads and small accessories.

- Made of polyester
- Dimensions (HxWxD):
280 mm x 115 mm x 55 mm (11 in x 4.5 in x 2.2 in)

C35 Soft Carrying Case

Case top opens laterally to allow use of test tool without removing it from the case and includes a Velcro® strap to secure the test tool.

- Made of durable polyester 600D
- Dimensions (HxWxD):
220 mm x 140 mm x 65 mm
(8.7 in x 5.5 in x 2.6 in)

CAMO-C37 Camouflage Carrying Case

Zippered carrying case with inner pocket for storing test leads and small accessories.

- High quality 1000D fabric
- Dimensions (HxWxD):
26.5 cm x 9 cm x 3 cm
(10.5 in x 3.5 in x 1.2 in)

C43 Soft Carrying Case

Zippered carrying case includes inner front pocket with closure and two pockets to store test leads or small accessories. Includes detachable 254 mm (10 in) handle and 1066 mm (42 in) shoulder strap.

- Made of durable polyester 600D
- Dimensions (HxWxD):
318 mm x 230 mm x 90 mm
(12.5 in x 9.1 in x 3.5 in)

C50 Meter Case

Zippered and padded case featuring an inside strap to secure a meter as well as a belt loop for convenient carrying. Also includes an inside pocket for holding accessories.

- Made of polyester
- Dimensions (HxWxD):
192 mm x 90 mm x 38 mm
(7.56 in x 3.5 in x 1.5 in)

C75 Accessory Case

Zippered carrying case designed for carrying small accessories. Includes two inside pockets.

- Made of polyester
- Dimensions (HxWxD):
179 mm x 103 mm x 26 mm
(7 in x 4 in x 1 in)

C90 Soft Case for DMMs

Zippered carrying case featuring a belt loop. Also includes padding to protect the meter and an inside pocket for holding accessories.

- Made of polyester
- Dimensions (HxWxD):
205 mm x 90 mm x 72 mm
(8 in x 3.5 in x 2.8 in)

C115 Soft Carrying Case

Includes two padded pockets for protection of two test tools, such as a digital multimeter and 60 Series IR Thermometer and a pouch for test leads and other accessories.

- Made of durable polyester 600D
- Dimensions (HxWxD):
240 mm x 205 mm x 75 mm
(9.5 in x 8 in x 3 in)

C116 Soft Carrying Case

Provides adjustable padded space with a moveable Velcro® divider for protection of two test tools, such as a digital multimeter and a current probe.

- Made of durable polyester 600D
- Dimensions (HxWxD):
240 mm x 230 mm x 65 mm
(9.5 in x 9 in x 2.6 in)

C150 Soft Carrying Case

Zippered carrying case with inner pocket for storing test leads and small accessories.

- High quality 1000D fabric
- Dimensions (HxWxD):
29.8 cm x 11.4 cm x 5.6 cm
(11.75 in x 4.5 in x 2.2 in)

C280 Soft Case

Designed especially for larger format test tools such as the new Fluke 287 and 289 Digital Multimeters. Includes detachable, extendable shoulder strap and an inner front pocket with closure and dual pouch pockets for test tools and accessories.

- Made of durable polyester 600D
- Dimensions (HxWxD):
230 mm x 185 mm x 65 mm
(9 in x 7.3 in x 2.6 in)

C345 Soft Case

The perfect case for carrying a wide range of Fluke handheld test tools and accessories, large enough for all your accessories and instrument manuals. Includes an elastic accessory strap and mesh accessory retainer as well as an outer pouch, outer zipper pocket and two slash pockets for convenient accessory storage.

- Made of durable polyester 600D
- Dimensions (HxWxD):
360 mm x 200 mm x 240 mm
(14 in x 8 in x 9.5 in)

C570 Soft Case

Designed specifically for the larger IR thermometers like the Fluke 560 and 570 Series. Includes zippered holster and padding to protect test tools as well as convenient belt loops and clips.

- Made of polyester
- Dimensions (HxWxD):
240 mm x 89 mm to 170 mm x 56 mm
(9.5 in x 3.5 in to 6.7 in x 2.2 in)

C550 Tool Bag

Rugged, weather-resistant tool bag with zippered top, inside pockets and carrying straps. Features a large storage compartment with 25 pockets as well as steel-reinforced frame.

- Made of ballistic cloth with heavy-duty hardware
- Dimensions (HxWxD):
333 mm x 513 mm x 231 mm
(13 in x 20.2 in x 9.1 in)

C781 Meter Case

Zippered case, designed for carrying a meter as well as a detachable external pouch for holding test leads, and other accessories.

- Made of durable polyester 600D
- Dimensions (HxWxD):
269 mm x 141 mm x 90 mm
(10.6 in x 5.6 in x 3.5 in)


C570

C345

CAMO-C25

CAMO-C37

C43

C23

C50

C12A

C90

C33

C75

C150

C781

C550

C789 Meter and Accessory Case

Large carrying case with three compartments, removable handle, and shoulder strap. Holds a meter and multiple accessories.

- Made of durable polyester 600D
- Dimensions (HxWxD):
308 mm x 256 mm x 77 mm
(12 in x 10 in x 3 in)

**C789****C100****C20****C800****C101****VT04-HARD CASE****Hard cases****C101 Hard Case**

Tough polypropylene case with configurable diced foam interior to store and protect tools and accessories.

- Exterior dimensions (HxWxD):
305 mm x 360 mm x 105 mm
(12 in x 14.2 in x 4.1 in)
- Interior dimensions (HxWxD):
230 mm x 290 mm x 65 mm
(9 in x 11.5 in x 2.5 in)

C100 Universal Carrying Case

Large, tough polypropylene case with carrying handle and snap-on lid. This case conveniently carries tools, leads, and other accessories.

- Dimensions (HxWxD):
397 mm x 346 mm x 122 mm
(15.7 in x 13.6 in x 4.8 in)

C20 Hard Case

Heavy-duty construction with carrying handle and storage compartment, designed to hold a meter and accessories. It features a top cover that snaps onto the back to serve as a tilt stand.

- Made of polypropylene
- Dimensions (HxWxD):
256 mm x 154 mm x 106 mm
(10 in x 6.1 in x 4.2 in)

C800 Meter and Accessory Case

Tough polypropylene case with a sturdy handle, snap-on detachable lid, and convenient compartments for holding accessories and manuals.

- Dimensions (HxWxD):
230 mm x 385 mm x 115 mm
(9 in x 15 in x 4.5 in)

**CXT1000****CXT Extreme Cases Series**

- New! CXT1000: for multiple meters, accessories and other test tools (Dimensions (HxWxD):
34.3 cm x 46.5 cm x 17.8 cm
(13.5 in x 18.3 in x 7 in))
- CXT1000 features a diced foam interior for custom storage configuration
- Unbreakable, watertight, airtight, dust proof, chemical resistant and corrosion proof
- Offers maximum protection for your digital multimeters and accessories against high impact, vibration or shock
- Includes an automatic purge valve for quick equalization after changes in atmospheric pressure
- CXT80: for use with 87V, 80 Series, 187/189, 27 II/28 II Digital Multimeters
- CXT170: for use with 170 Series, 114/115/116/117, 77 III, and 77 IV Digital Multimeters
- CXT280: for use with 287 or 289 True-rms Logging Multimeters
- Dimensions (HxWxD):
27.9 x 31.8 x 12.7 cm
(11 x 12.5 x 5 in)

VT04-HARD CASE

Hard case for all Fluke Visual IR Thermometers.

**CXT**



C1600 Gear Box for meter and accessories

A rugged, molded plastic case with a deep interior and lift-out tray designed to carry Fluke handheld digital multimeters and process calibrators, as well as their accessories. Features a large handle and snap-open lid compartment for easy access to small parts such as fuses, batteries, probes, and leads. Can also be locked.

- Includes five hook and loop straps to wrap cords and test leads
- Dimensions (HxWxD):
260 mm x 390 mm x 200 mm
(10 in x 15 in x 7.8 in)

Leather cases

C520A Leather Tester Case

Rugged leather case designed to hold Fluke electrical testers. It features a large belt loop and a top flap to secure the tester. Made of top-grain cowhide with heavy-duty stitching and reinforced rivets.

- Dimensions (HxWxD):
256 mm x 154 mm x 106 mm
(10 in x 6 in x 4 in)

C510 Leather Meter Case

Rugged leather case designed to hold most Fluke digital multimeters, thermometers, and process calibrators. It features a large belt loop and a top flap to secure the tool. Made of top-grain cowhide with heavy-duty stitching and reinforced rivets.

- Dimensions (HxWxD):
287 mm x 179 mm x 106 mm
(11 in x 7 in x 4 in)

Holsters

H5 Electrical Tester Holster

Rugged fabric holster designed to hold Fluke T3 and T5 Electrical Testers. It features a built-in belt loop and flap for test lead storage.

- Dimensions (HxWxD):
192 mm x 90 mm x 38 mm
(7.5 in x 3.5 in x 1.5 in)

H3 Clamp Meter Holster

Rugged fabric holster designed to hold Fluke 330 Series Clamp Meters. It features a built-in belt loop and a handy pocket with snap for test lead storage.

- Dimensions (HxWxD):
231 mm x 90 mm x 64 mm
(9 in x 3.5 in x 2.5 in)

New! H15 Electrical Tester Holster

Rugged fabric holster designed to hold Fluke T90, T110, T130 and T150 Two-Pole Testers.

- High quality 1000D fabric
- Dimensions (HxWxD):
27.9 cm x 9.2 cm x 5.1 cm
(11 in x 3.6 in x 2 in)

H80M Protective Holster with Magnetic Hanging Strap

Convenient snap-on holster with a magnetic hanging system enables hands-free work while protecting digital multimeters or calibration tools. This holster is designed to absorb shock and to hang from just about any metal surface.

- Includes a hanging magnet, general purpose hanger, and hook and loop straps
- Dimensions (HxWxD):
190 mm x 95 mm x 43 mm
(7.5 in x 3.7 in x 1.7 in)

C10 Meter Holster

Snap-on holster absorbs shocks and protects multimeters from rough handling. It features a built-in stand and hanger loop for convenience during testing.

- Compatible with Fluke 10 Series Multimeters
- Dimensions (HxWxD):
154 mm x 77 mm x 45 mm
(6 in x 3 in x 1.8 in)

H6 Infrared Thermometer Holster

Durable nylon construction with Velcro® closures provides quick access and protection for infrared thermometers. It features a snap-open loop that attaches easily to a belt and an accessory pocket for storing temperature probes.

- Dimensions (HxWxD):
302 mm x 178 mm x 57 mm
(11.9 in x 7 in x 2 in)



H15



H80M



C520A



C510



H5



H3



H6



C10



Hangers

TPAK ToolPak™ Magnetic Meter Hanger

Hang your meter in a variety of ways for convenient hands-free operation.

Kit includes:

Magnetic hanger

- Powerful (rare earth) magnetic hanger, firmly attaches to any metal surface
- Allows customers to conveniently hang meter to conduct test and increase productivity

Hook hanger

- For hanging on non-magnetic surfaces
- Hook lip over protruding edge allows hands free operation

General purpose hanger

- Safely hang meter on a nail or screw
- Clips in the top of most Fluke multimeters

Hook loop strap

- Nine-inch hook and loop strap allows to conveniently loop strap around pipe or conduit
- Makes it easy and more convenient to take measurements

One-year warranty

Attaches to back of many Fluke meters, including 110, 170, 180, 280 Series, 87V and 83V DMMs, 724, 725 and 789 Process Calibrators, 70 Series III DMMs, 1503, 1507, 1577 and 1587 Insulation Multimeters and 50 Series II Digital Thermometers.



Left to right: 3533001, 810 Tachometer, 810SMM, 810S, 810QDC

Vibration and alignment

Fluke 805 Vibration Meter

805ES External Sensor Assembly

Allows access into tight or crowded spaces where it might otherwise be difficult to take a vibration measurement.

Fluke 810 Vibration Tester

810QDC Quick Disconnect Cable

Eight-foot quick-disconnect cable connects the triaxial vibration sensor.

810SC-20 Sensor Cable

20-foot cable connects the triaxial vibration sensor to the Fluke 810 Vibration Tester. (plugs into the one foot Quick Disconnect cable section)

810S Triaxial Vibration Sensor for 810

Triaxial vibration sensor captures vibration data in all three primary axes simultaneously for faster, more accurate data collection.

810SMM Sensor Magnetic Mounts

- High-power magnet attaches firmly to motors and machinery
- Parallel magnet tips engage both flat and cylindrical surfaces

810SMP Sensor mounting pads for vibration sensors (pack of 10)

10-pack of Sensor Mounting Pads provide standardized sensor attachment points on critical equipment.

810T Tachometer

Precision laser tachometer for measuring the exact speed of equipment, such as variable-frequency drives (VFD) to determine the running speed under varying load conditions.

810PA Charger for battery pack

Recharge the Fluke 810 Smart Battery Pack—including international outlet adapters.

SBP810, Smart battery pack for 810

Lithium-Ion Battery pack provides 8-hours of runtime under normal operating conditions.

Fluke 830 Laser Alignment Tool

830/MAGNET Magnetic Mounting Bracket Set

- High-power magnets attach firmly to shaft couplings
- Narrow profile can mount on equipment with little clearance between the coupling and the machine housing
- Ideal for large-diameter couplings or for the simplest, most rapid set-ups

830/SHIMS Precision Shim Kit, Sizes A&B, Metric

An essential step in most shaft alignment procedures is to adjust the vertical height of the machine by adding or removing precision shims from beneath the mounting feet of the machinery.



810SMP



830/MAGNET



830/SHIMS



L200

Lights and voltage detectors

LVD2 Volt Light

Non-contact ac voltage detector and LED flashlight combined into an easy-to-use pen-style design with dual-sensitivity. This voltage detector glows blue when 3 cm to 12 cm (1 in to 5 in) from ac voltage and red when at the source. For use in commercial and industrial applications.

- Detects voltage from 90 V to 600 V ac
- Ultra-bright white LED light with 100,000 hour bulb life
- AAA battery included
- Safety rating: CAT IV 600 V



LVD2



LVD1

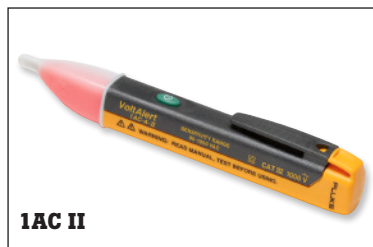
LVD1 Volt Light

Non-contact ac voltage detector and pocket-sized flashlight combined with exclusive dual-sensitivity. This voltage detector glows blue when 2.5 cm to 12.7 cm (1 in to 5 in) from ac voltage and red when at the source.

- Detects voltages from 40 V to 300 V ac
- Ultra-bright white LED with 100,000 hour bulb life
- AAA battery included

1AC II VoltAlert™ non-contact voltage detector

- Voltbeat™ technology and continuous self-test—so you always know it's working
- Upon detection, tip glows and beeper sounds
- CAT IV 1000 V for added protection
- Expanded range: 90 V ac to 1000 V ac
- On/Off button
- Two-year warranty

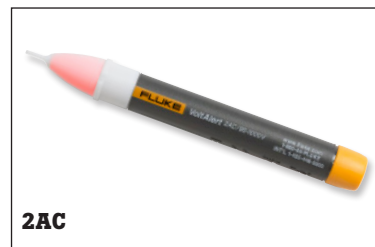


1AC II

2AC VoltAlert™ non-contact voltage detector

- Always on, using special low power circuitry to sustain battery life and always ready to use
- Innovative "Battery Check" button function ensures battery is in good condition*
- CAT IV 1000 V overvoltage rated product for best in class user protection
- Expanded range: 90 V ac to 1000 V ac
- Fluke ruggedness and reliability
- Two-year warranty

* Use of Battery Check function is optional and for convenience only, it is not intended as a substitute for checking the unit on a known live source before and after use.



2AC

L200 Probe Light

Small, rugged light that easily attaches to any Fluke test probe, illuminates the contact area and frees hands for work.

- Bright white LED with 120 hours of battery life
- Two 3 V watch batteries included

L205 Mini Hat Light

Rugged, high-intensity Xenon work light with pre-focused optical-quality reflector attaches to a baseball cap to allow hands-free work. (Hat not included.)

- Includes waterproof ABS case that won't crack or chip
- Two AAA batteries included

L206 Deluxe LED Hat Light

Attach this water-resistant light to a hard hat, a baseball hat, or even a panel door for hands-free bright light where needed. Includes a 360° rotating clip, special hard-hat attachment, and neck lanyard. (Hat not included.)

- Three LEDs with 40-hour battery life
- Three AAA battery included

L207 High Intensity Light with Collector's Cap

Powerful, lightweight, mini-Xenon light illuminates work area to free hands for work. Comes with Limited Edition Fluke collector's cap that adjusts for all-day comfort. Waterproof, rugged light attaches to bill of baseball cap.

- Xenon high intensity work light
- Two AAA batteries included

L210 Probe Light Kit

Test probe extender with small, bright LED that illuminates the contact area and frees hands for work. Two probe extenders 20 cm (8 in) fit modular test probes and keep hands away from live circuits. Ultra-bright white LED provides 120 hours of battery life. Kit includes:

- L200 Probe Light
- SureGrip™ test probe extenders
- Two 3 V watch batteries included
- Probe extenders safety rating: CAT III 1000 V, 10 A

L211 Probe Light Kit

This special-value combo pairs the new L200 Probe Light with one of the most popular test leads by Fluke and a handy carrying case. Probe light attaches to any Fluke test probe to free both hands for work. Kit includes:

- L200 Probe Light
- TL71 Premium Test Lead Set
- C75 Accessory Case

L215 SureGrip™ Kit with Probe Light and Probe Extender

A great complement of industrial test accessories with a small, rugged light that attaches to test probe or extenders to illuminate the contact area. Kit includes:

- L200 Probe Light
- SureGrip™ Test Probe Extenders, 20 cm (8 in)
- TP220 SureGrip™ Industrial Test Probes
- TL224 SureGrip™ Insulated Test Leads
- Foldable soft pouch with six pockets and hook & loop closure
- Safety rating:
 - TP220: CAT II 1000 V, 10 A. (CAT III 1000 V, CAT IV 600 V with protective cap)
 - TL224: CAT III 1000 V, CAT IV 600 V, 10 A
 - Probe extenders: CAT III 1000 V, 10 A


L200

L205

L206

L207

L210

L211

L215



Infrared lenses and battery chargers

Sun visors

Tripod bases

Infrared cameras

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Infrared lens compatibility

Get the best image possible with optional standard, telephoto and wide angle lenses. Bring small and distant objects closer with a telephoto lens, or widen your field of view in tight spaces with a wide angle lens.

Model number	Ti400/Ti300/ Ti200	Ti450/Ti480	TiX500/ TiX520	TiX560/ TiX580	TiX620/ TiX640	TiX660/ TiX1000
TI-LENS/TELE2 2x Telephoto infrared smart lens†	•	•	•	•		
TI-LENS/WIDE2 Wide Angle Infrared Smart Lens†	•	•	•	•		
FLK-Lens/4xTele2 4x Telephoto infrared smart lens†	•	•	•	•		
FLK-Lens/FLK-Lens/25Mac2 25 Micron macro infrared smart lens†	•	•	•	•		
FLK-XLens/SupWide Super wide-angle lens				•	•	•
FLK-XLens/Wide Wide-angle lens				•	•	•
FLK-XLens/Stan Standard lens				•	•	•
FLK-XLens/Tele Telephoto lens				•	•	•
FLK-XLens/SupTele Super telephoto lens				•	•	•
FLK-XLens/Macro1 Close-up 0.2x				•	•	•
FLK-XLens/Macro2 Close-up 0.5x; 34.3 x 25.3mm ² ; 32 um;				•	•	•
FLK-XLens/Macro3 Close-up 0.5x				•	•	•



FC WIFI SD Card

Fluke Connect® WiFi SD Card

Wirelessly enable your Fluke infrared camera with the Fluke Connect wireless SD card and you can instantly upload, share and analyze data from anywhere, with anyone on your team, at any time.

- Works with Ti90, Ti95, Ti100, Ti105, Ti110, Ti125, TiR105, TiR110 and TiR125

†The lenses for TiX580, TiX560, TiX520, TiX500, Ti480, Ti450, Ti400, Ti300, and Ti200 are smart lenses. They come pre-calibrated and don't require calibration to a specific camera, so they are interchangeable between compatible cameras. Lenses for TiX1000, TiX660, and TiX640 require calibration to the specific camera.

Battery and charger compatibility

Prevent the unexpected loss of power with our rugged and rechargeable battery packs and keep your Fluke infrared camera charged while you're on the road with our car charger.

Model number	Ti27/ TiR27 / Ti29/ TiR29/ Ti32/ TiR32	Ti29/ TiR29	Ti32/ TiR32	Ti90/ Ti95	TiS10/ TiS20/ TiS40/ TiS40	TiS55/ TiS60/ TiS65/ TiS75	Ti100/ Ti105/ Ti110/ TiR105/ TiR110/ Ti125/ TiR125	Ti200/ Ti300/ Ti400/ Ti450/ Ti480	TiX500/ TiX520/ TiX560/ TiX580	TiX620/ TiX640/ TiX660/ TiX1000
TI-SBC3B Battery Charging Base	•	•	•	•	•	•	•	•	•	
TI-SBP3 Rechargeable Lithium Ion Smart Battery Pack	•	•	•	•	•	•	•	•		
TI-SBP4 Rechargeable Lithium Ion Smart Battery Pack									•	
TI-CAR CHARGER	•	•	•	•	•	•	•	•	•	
FLK-XBattery										•
FLK-XCharger										•
FLK-TI-BLUETOOTH					•	•			•	
FLK-XPower Plug										•
FLK-XEthernet 5m										•
FLK-XHDMI Cable										•

Sun visor compatibility

Instantly reduce LCD screen glare and reflections in bright sunlight or other areas where ambient lighting conditions are bright with our durable, heavy-duty plastic visor. It can be used inside or outside, and easily clips onto to your Fluke infrared camera without the need for any additional hardware.

Model number	Ti10/ Ti25/TiR/ TiR1/Ti20	Ti27/ TiR27	Ti29/ TiR29	Ti32/ TiR32	Ti90/Ti95	Ti100/ Ti105/ Ti110/ TiR105/ TiR110	Ti125/ TiR125	Ti200/ Ti300/ Ti400/ Ti450/ Ti480
TI-VISOR	•	•	•	•				
TI-VISOR2					•	•	•	
TI-VISOR3								•

Tripod base compatibility

Lightweight, one-piece mounting accessory quickly and easily attaches to your Fluke Infrared Camera and allows you to mount to a standard tripod or monopod for those applications or situations that require a more stable or semi-fixed platform.

Model number	Ti90/Ti95	TiS10/TiS20/ TiS40/TiS40	TiS55/TiS60/ TiS65/TiS75	Ti100/Ti105/ Ti110/TiR105/ TiR110	Ti125/ TiR125	Ti200/Ti300/ Ti400/Ti450/ Ti480
TI-TRIPOD2	•			•	•	
TI-TRIPOD3		•	•			•



Portable oscilloscopes

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Compatibility chart

Model number	120 Series	190 Series	190 Series II
Safety designed scopemeter voltage probes			
VPS420-X			•
Safety designed oscilloscope probe accessories			
AS400			•
RS400		•	•
RS500		•	•
AC current clamps			
i5s	•	•	•
Automotive			
SCC128	•		
SCC198		•	
SCC298			•
Industrial test lead accessories			
TP920	•	•	•
AC120	•	•	•
Safety designed cables and adapters			
PM9091		•	•
PM9092		•	•
PM9093		•	•
PM9081		•	2-channel
PM9082		•	•
BB120	•		
TRM50		•	•
Miscellaneous			
BHT190	125 only	•	
HH290			•
CS20MA		•	2-channel
MA190		•	•
EBC290			•

VPS420-X High Working Voltage Ruggedized Probe

- Set include: VPS420-X 100:1, 150 MHz
- X = Red, Blue, Grey or Green (V)
- Hook clip for probe tip (Black)
- Large jaw probe clip (Black)
- Reference lead with 4 mm Banana plug (Black)
- Large jaw alligator clip for 4 mm banana plug (Black)

AS400 Probe Accessory Extension Set

For VPS400-Series Probes

- CAT III 1000 V/CAT IV 600 V
- Reference lead with 4 mm plug (Black), overall length 60 cm
- Reference lead with hook clip (Black), overall length 22 cm
- Large jaw probe clip (black)
- CAT II 1000 V
- 2 mm test probe for probe tip (1x, black)
- 4 mm test probe for probe tip (1x, black)

RS400 Probe Accessories Replacement Set

For VPS400-Series Probes and VPS210-Series Probes

- CAT III 1000 V/CAT IV 600 V
- 1x Probe hook clip (black)
- Ground lead with mini alligator clip
- 2x Insulation sleeve (black)
- CAT II 30V
- 2x Ground spring (black)

RS500 Probe Accessories Replacement Set

For VPS510 Series Probes

- CAT II 300 V
- 1x hook clip (black)
- 1x ground lead with mini alligator clip (black)
- 2x insulation sleeves for probe's ground contact (black)
- 1x BNC to probe tip adapter (black)
- CAT II 30 V
- 2x ground browsers (black)
- 1x insulated mini screwdriver, for probe adjustment purposes

i5s AC Current Clamp

- 0.01 A to 5 A
- Range 400 mV/A
- Basic accuracy % reading: 1 %
- Usable frequency range: 40 Hz to 5 kHz

TP920 Test Probe Adapter Kit

Suited for STL120 Test Leads (Not compatible with STL120-III), TL71 Test Leads, TL75 Test Leads and TL76 Test Leads

The set consists of:

- IC test tip adapters for probing closely spaced test points, such as the pins of integrated circuits, without shorting adjacent leads. Maximum current handling 3A
- Extended probe tips allow testing of hard to reach points. Maximum current handling 3A
- Medium size alligator clips have maximum jaw opening of 7.6 mm (0.30 in)
- Rated for 3 A max

TAS 90 Shielded Test lead Accessory Set

- Set 4 mm adapters for Banana plug (1x red, 1x grey, 2x black)
- Set of back probe pins for Banana plug (1x red, 1x grey, 2x black)
- CAT II 30 V
- Rated for 1A max

PM9091 Set of 3x Coaxial Cables with BNC connectors

- Length: 1.5m each
- Impedance: 50 ohm
- Color: 1xRed, 1xBlack, 1x3x Grey
- Max signal voltage: 300 V rms
- Max voltage to ground: 600 V rms CAT III per IEC/EN61010-031

PM9092 Set of Coaxial cables with BNC connectors

- Length: 0.5 m each
- Impedance: 50 ohm
- Color: 1x red, 1x black, 1x grey
- Max signal voltage: 300 V rms
- Max voltage to ground: 600 V rms CAT III per IEC/EN61010-031

PM9093 Adapter BNC (male) to Dual BNC (female) in T model (6)

- Color: 2x black
- Max signal voltage: 300 V rms CAT III per IEC/EN61010
- Max voltage to ground: 600 V rms CAT III per IEC/EN61010

PM9081 Adapter BNC (female) to Dual Banana Jack

- Color: 2x red, 2x black
- Max signal voltage: 600Vrms CAT III per IEC/EN61010
- Max voltage to ground: CAT III 600 Vrms / CAT II 1000 V per IEC/EN61010

PM9082 Adapter BNC (male) to Dual Banana Jack

- Color: 2x red, 2x black
- Max signal voltage: CAT III 600 Vrms per IEC/EN61010
- Max voltage to ground: CAT III 600 Vrms / CAT II 1000 V per IEC/EN61010

BB120 Adapter BNC (female) to Shielded Banana Jack

- Set of 2
- Max signal voltage: 300 Vrms CAT III per IEC/EN61010
- Max voltage to ground: 600 V CAT III per IEC/EN61010

TRM50 Coaxial Feed-through BNC male to BNC female Cable Terminator

- Set of 2
- Specification
- Impedance: 50 ohm
- Max voltage over ground: CAT III 1000 V
- Max power 1W

BHT190 Bus Health Test Break-out Adapter Set

- Board with M12 connectors (male to female, 5 pins)
- DB-9 connectors (male to female, 9 pins + shield)
- RJ-45 connector, with short patch cable providing male to female interconnection (8 pins)

CS20MA Current Shunt for AC and DC measurements on 4 to 20mA control loops

- Sensitivity: 10mV/mA
- Shunt resistance: 10 ohm
- Bandwidth: > 10 kHz
- Max voltage to ground: CAT III 30 Vrms per EN/IEC 61010

MA190 Medical Applications Accessory Kit

- 1x 50 ohm BNC feed through terminator
- 1x 50 ohm BNC feed through terminator with 10:1 signal attenuator
- 1x 1 ohm current shunt in BNC feed through
- 1x BNC terminated coax cable
- 1x Single piece insulated BNC (female) to 4mm Banana plug adapter
- 2x Pieces dual 4mm Banana receptacles (1x red, 1x black)

EBC290 External Charger

For Fluke 190 Series II ScopeMeter® Oscilloscope

- Charging time (BP291): five hours, giving an operating time of up to seven hours
- DC input voltage: 15 V to 23 V, 714 mA nom. (dc input from BC190: 17.8 V / 0.84 A max)

80K-15, 85RF

Specialty probes



80K-40



80K-15



80K-6



85RF

High voltage

80K-40 High Voltage Probe

Extends the voltage measuring capability of an ac/dc multimeter to 40,000 V peak ac or dc. This probe is designed for taking measurements on low-energy circuits within equipment only, such as televisions or photo copy machines.

- Voltage range: 1 kV to 40,000 kV, dc or peak ac, 28 kV rms ac
- Accuracy: 20 kV to 35 kV; $\pm 1\%$ at 20 °C to 30 °C
- Division ratio: 1000:1
- Meets IEC 61010-031 Type B, 40 kV dc or peak ac, 28 kV rms ac, (voltage derived from limited energy transformer)

80K-6 High Voltage Probe

Extends the voltage measuring capability of an ac/dc digital multimeter to 6,000 V peak ac or dc. This probe is designed for taking measurements on low-energy circuits within equipment only.

- Voltage range: 0 kV to 6 kV, dc or peak ac
- Accuracy: dc to 500 Hz $\pm 1\%$; 500 Hz to 1 kHz $\pm 2\%$; above 1 kHz output falls, -30 % at 10 kHz
- Division ratio: 1000:1
- Meets IEC 61010-031 Type B, 40 kV dc or peak ac, 28 kV rms ac, (voltage derived from limited energy transformer)

80K-15 High Voltage Probe

Extends the voltage measuring capability of an ac/dc digital multimeter to 15,000 V peak ac or dc. This probe is designed for taking measurements on low-energy circuits within equipment only.

- Voltage range: 1 kV to 15 kV dc or peak ac, 10 kV ac rms
- Accuracy: dc $\pm 2\%$ 60 Hz; $\pm 5\%$
- Division ratio: 1000:1
- Meets IEC 61010-031 Type B, 40 kV dc or peak ac, 28 kV rms ac, (voltage derived from limited energy transformer)

High frequency

85RF High Frequency Probe

Converts a dc voltmeter with an input impedance of 10 megohms into a high frequency (100 kHz to 500 MHz) RF voltmeter. The probe's dc output is calibrated to be equivalent to the rms value of a sine wave input.

- Voltage range: 0.25 V to 3 V ac rms
- Maximum input: 30 V rms, 200 V dc
- AC to dc ratio: 1:1
- Ratio accuracy at 25 MHz and loaded with 10 megohms
 - Above 0.5 V: ± 0.5 dB
 - Below 0.5 V: ± 1.0 dB
 - Add ± 0.2 dB in RF fields of 1 V/m to 3 V/m
- Frequency response relative to 25 MHz:
 - 100 KHz to 100 MHz ± 0.5 dB
 - 100 MHz to 200 MHz ± 2.0 dB
 - 200 MHz to 500 MHz ± 3.0 dB

Caution!

DO NOT use these probes to measure high voltages on power distribution systems. The probes provide high accuracy when used with a multimeter having 10 megohm input impedance.

FlukeView® Forms

Software

FlukeView® Forms Basic

This application transfers data from a Fluke test tool to a PC, using two standard, non-customizable forms to display measurement readings in table or graphical form. This software includes a cable appropriate for your measuring instrument.

FlukeView® Forms Full

This application provides the FlukeView Forms Basic software functions in addition to customizable documents and custom templates using the FlukeView Forms Designer. This software includes a cable appropriate for your measuring instrument.

FVF-UG FlukeView® Forms Upgrade

This upgrade is designed for users of FlukeView Forms Basic who want to include the features of FlukeView Forms Full. It can also be used by FlukeView Forms Full users who want to use the latest version of the software. No cable is provided with this option. This upgrade is compatible with all previous versions of FlukeView Forms.

FlukeView® Forms compatibility chart

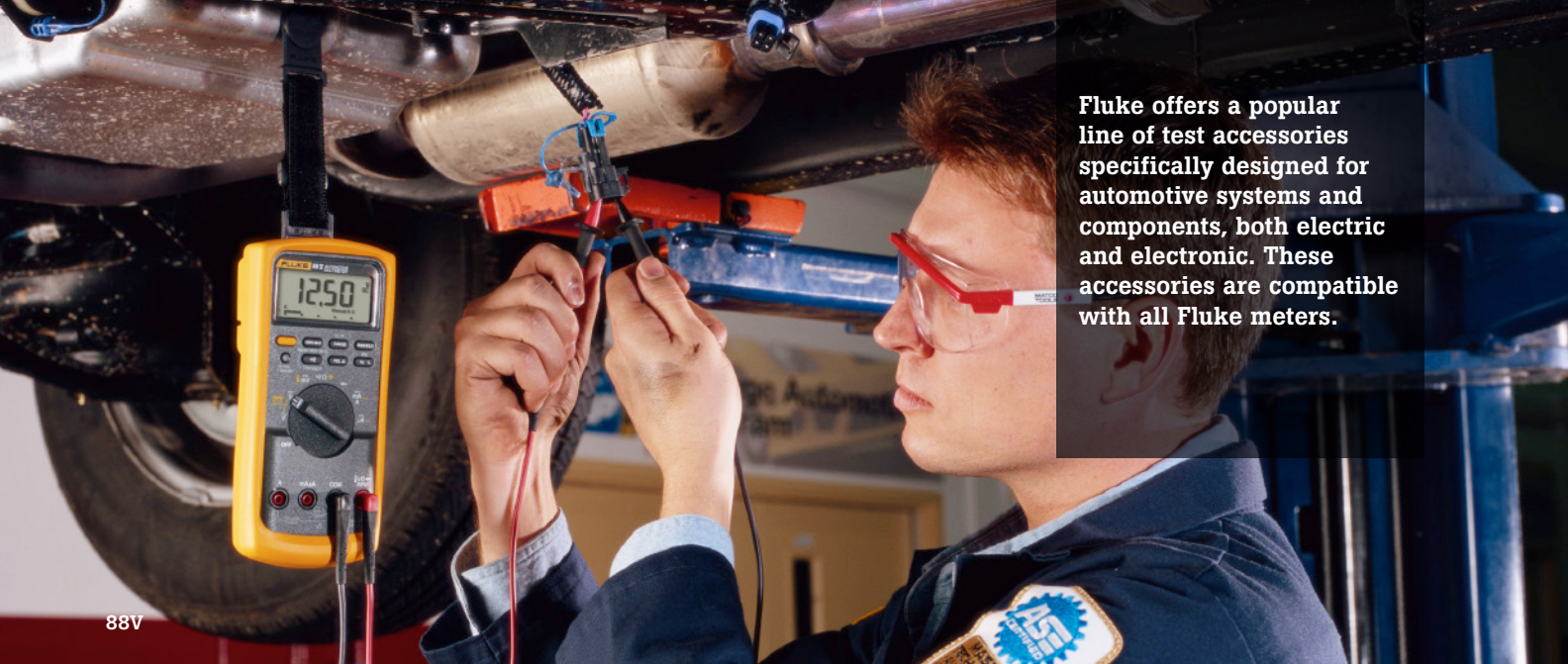
FVF BASIC			
FVF option	Interface cable	Fluke instrument compatibility	
FVF-Basic	USB** / IR	280 Series Digital Multimeters	789 ProcessMeter™
		1550C MegOhmMeter	1664 FC Installation Tester
		180 Series* Digital Multimeter	
FVF-SC5	USB** / Serial	8808A Digital Multimeter	8845A 6.5 Digit Precision Multimeters
		8846A 6.5 Digit Precision Multimeters	45* Dual Display Multimeter
FVF FULL			
FVF option	Interface cable	Fluke instrument compatibility	
FVF-SC1	Serial / IrDA	53-II Single Input Digital Thermometer with data logging	89-IV* Digital Multimeter
		54-II Dual Input Digital Thermometer	
FVF-SC2	USB** / IR	568 Infrared and Contact Thermometer	789 ProcessMeter™
		280 Series Digital Multimeter	1550C/1555 MegOhmMeter
		1664 FC Installation Tester	180 Series* Digital Multimeter
FVF-SC4	USB** / Serial	8808A Digital Multimeter	8845A 6.5 Digit Precision Multimeters
		8846A 6.5 Digit Precision Multimeters	45* Dual Display Multimeter
		975 AirMeter™	
FVF-UPGRADE			
FVF option	Interface cable	Fluke instrument compatibility	
FVF-UG	No cable included	Any instrument that supports FlukeView Forms software	

*Obsolete

**OC4 USB REV II Cable

Hardware and software requirements

Application	Hardware	Operating System Software
FVF-Basic	Pentium class or better microprocessor	Windows XP, 7, 8, 10
	32 MB RAM	
	70 MB disk space (100 MB to install)	
FVF-Full	Pentium class or better microprocessor	Windows XP, 7, 8, 10
	32 MB RAM	
	70 MB disk space (100 MB to install)	
FVF-Upgrade	Pentium class or better microprocessor	Windows XP, 7, 8, 10
	32 MB RAM	
	70 MB disk space (100 MB to install)	



Fluke offers a popular line of test accessories specifically designed for automotive systems and components, both electric and electronic. These accessories are compatible with all Fluke meters.

88V

Automotive



BP880

BP880 BNC to Female Double Stacking Banana

Converts a BNC scope lead to a dual banana plug for connection to a digital multimeter to provide hands-free testing in controlled voltage environments. Required when adapting a shielded BNC cable, found on high-end low current clamps such as the Fluke 80i-110S AC/DC Current Clamp, to a digital multimeter.

- Voltage range: up to 500 V ac rms
- 4 mm (0.16 in) banana plug is nickel-plated, beryllium copper for low contact resistance

BP881 BNC to Male Double Stacking Banana

Easily connects a digital multimeter to a BNC patch cord to provide hands-free testing in controlled voltage environments. This adapter connects accessories that have a male BNC output.

- Voltage range: up to 500 V ac rms
- 4 mm (0.16 in) banana plug is nickel-plated, beryllium copper for low contact resistance



BP881

TL28A Automotive Test Lead Set

Silicone-insulated test leads (red, black) with large, solid copper alligator clips with 12.7 mm (0.5 in) opening and serrated teeth. Also includes a large piercing needle within the jaws for penetrating larger gauge wires.

- 1.5 m (60 in) test leads
- Safety rating: 30 V, 10 A

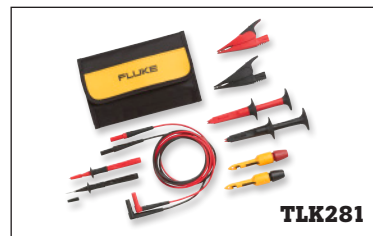


TL28A

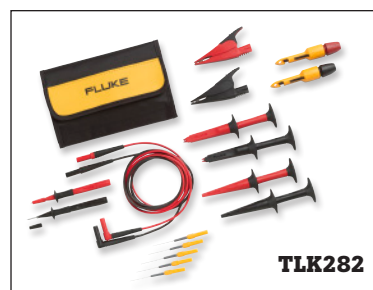
TLK2 Automotive Pin and Socket Adapter Set

This collection of male and female adapters provides firm connection to pin-and-socket connectors. Useful when making voltage, frequency, duty cycle, or resistance measurements and when measuring current in series in the circuit. Rated to 60 V dc. Set includes:

- Two retractable shrouded test leads (red, black) 1.2 m (48 in)
- Eight pin-and-socket adapters with flexible tips (red, black) in the following sizes:
 - Size 22 contact 0.76 mm (0.03 in), rated 5 A
 - Size 20 contact 1.02 mm (0.04 in), rated 7.5A
 - Size 16 contact 1.60 mm (0.063 in), rated 13 A
 - Size 12 contact 2.36 mm (0.093 in), rated 23 A



TLK21



TLK22



TP40



TP81/TP82

TLK281 SureGrip™ Automotive Test Lead Kit

This complete set of test and measurement accessories is designed for automotive specialists. Sharp stainless steel probes can be used to contact the wire conductor or pinpoint tests on a circuit or relay while the large-jaw alligator clips ensure a good ground on the engine or connection to battery terminals. Also includes silicone-insulated test leads and a convenient case. Rated to 60 V dc. Kit includes:

- TP81 Insulation Piercing Clip Set
- TL224 SureGrip™ Insulated Test Leads
- TP220 SureGrip™ Industrial Test Probes
- AC220 SureGrip™ Alligator Clips
- AC285 SureGrip™ Alligator Clips
- Soft case


TLK281

TLK282 SureGrip™ Deluxe Automotive Test Lead Kit

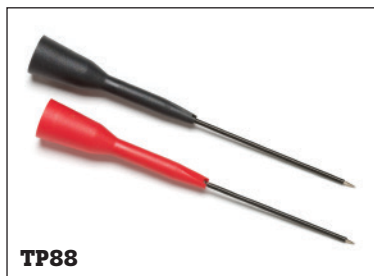
This kit includes everything in the TLK281 Kit plus a few extras. The back probe pins slide past weather-pack connectors on fuel injectors, TPS, and MAP sensors. A hook probe with plunger actuation allows quick connection to pins or exposed conductors. Kit includes:

- TP81 Insulation Piercing Clip Set
- TP40 Automotive Back Probe Pins (five)
- TL224 SureGrip™ Insulated Test Leads
- TP220 SureGrip™ Industrial Test Probes
- AC220 SureGrip™ Alligator Clips
- AC285 SureGrip™ Alligator Clips
- AC280 SureGrip™ Hook Clips
- Soft case
- Rated to 60 V dc

TP40 Automotive Back Probe Pins

Flexible and formable 31.75 mm (1.25 in) pins provide an easy connection past weather-pack seals to connector conductors. These five pins are a must-have for fuel injectors, TPS, and MAP sensors, as well as for any under-hood or under-vehicle connector with weather-pack seals.

- 4 mm (0.16 in) banana jack accepts digital multimeter and banana jack leads
- Easily connects to modular leads such as the TL224
- Rated to 60 V dc


TP81

RPM80

TP81/TP82 Insulation Piercing Clip Set

Two stainless steel probes (red, black) pierce insulation on 14, 16 and 18 gauge wire. Needle depth can be controlled to minimize insulation damage. Essential for use under hood or under dash. Can be used on fuel injectors or sensors while providing complete insulation to grounding. Probe connects to a banana jack that accepts all digital multimeter and banana jack leads (such as the TL224 SureGrip™ Insulated Test Leads).

- TP81 has non-rotating 4 mm (0.16 in) banana jack to prevent leads from tangling
- Rated to 60 V dc
- TP82 is for use with test leads with 2 mm probes

TP88 Rigid Back Probe Pins

Better than a test probe alone, these rigid back probe pins easily pass between a weather-pack seal and wire. A sharp point ensures good contact to the electrical connector, and insulation protects the pin from shorting to other wires.

- Slides onto 2 mm (0.08 in) test probes
- Probe length: 51 mm (2 in)
- Rated to 60 V dc

RPM80 Inductive Pick-Up/External Trigger

- Provides RPM measurement capability when clipped on spark plug wire
- For use with Fluke 88 Series and 78 Series DMMs



Specialty products

46

Compatibility

Model number	PV350 (pressure)	FOM (fiber optic)	CO-210	80K-6, 80K-15, 80K-40
10/11/12/ 12B/16/18	•	•	•	dc only
233	•	•	•	•
114/115/116/117	•	•	•	dc only
20/70 Series	•	•	•	•
27 II/28 II	•	•	•	•
70/73 III	•	•	•	•
175/177/179	•	•	•	•
80 Series III/83V	•	•	•	•
87/89 IV	•	•	•	•
83 III/83V/88V	•	•	•	•
87V	•	•	•	•
187/189	•	•	•	•
287/289	•	•	•	•
45/8845/8846	•	•	•	dc only
43B	•	•	•	•
90 Series	•	•	•	•
120 Series	•	•	•	•
190 Series	•	•	•	•
705/707	•	•	•	•
715	•	•	•	•
74X Series	•	•	•	•
787/789	•	•	•	•
1577/1587	•	•	•	•

Fiber optics

FOM Fiber Optic Meter

This meter allows testing and maintenance of fiber optic cables without buying a new meter. It plugs directly into any digital multimeter with an mV dc function and a 10 megohm input impedance to quickly and accurately verify fiber optic cable system loss.

- Wave lengths: 1550, 1300, 850 and nm
- Light sources sold separately: see FOS

FOS-850 and FOS-850/1300 Fiber Optic Light Source

Both of these fiber optics accessories are designed to offer a variety of light sources for testing different cable lengths.

- Wave lengths:
 - FOS-850: 850 nm; FOS-850/1300 850 and 1300 nm
- Light output:
 - FOS-850: 850 nm
 - FOS-850/1300: 850 nm and 1300 nm

Miscellaneous

Replacement Charger for the Fluke VT04 Li-Ion Rechargeable Battery

Fluke VT04 charger, power supply, USB socket plug and go 5 V dc 1 AMP 5 W.



VT04 Battery

Fluke VT04 Battery

Replacement Li-ion Rechargeable Battery for the VT04.

PV350 Pressure Vacuum Module

Single unit allows digital multimeters to make both pressure and vacuum measurements. Ideal for HVAC and automotive environments. Compatible with digital multimeters with mV measuring capability.

- Transducer sealed in 316 stainless steel compatible with variety of liquids and gases
- Vacuum measurement: to 76 cm (29.9 in) Hg
- Pressure measurement: to 3447 kPa (500 psig)

87-RETROFIT Kit for Fluke 83, 85, 87 III, 787 Meters

This inclusive kit refurbishes any Fluke 80 Series digital multimeter. Kit includes:

- Meter holster
- Meter display upgrade kit
- TL71 Premium Test Lead Set
- AC72 Alligator Clip Set
- F1 and F2 replacement fuses
- MC6 MeterCleaner™ Wipes



SV225



VT04 Charger


MC6

87-Retrofit kit

PV350

FOS-850/1300

FOM

ir3000 FC

424D, 419D and 414D

MC6 and MC50, MeterCleaner™ Wipes, 6-Pack and 50-Pack

Pre-moistened, industrial-strength wipes remove dirt, oil, and grease from meters. Individually packaged, each wipe easily cleans one meter and is safe on rubber and plastic.

- Non-toxic and safe for the environment

ir3000 FC Connector for Fluke Connect®

- Get all the benefits of the Fluke Connect app, and be on the same page, even while in different places
- Wirelessly share measurements with your team—anywhere, anytime
- Connect the Fluke 289/287 True-rms Logging Multimeter and the 789 ProcessMeter with the ir3000 FC Connector

424D, 419D and 414D Laser Distance Meters

Measure farther, with greater accuracy, in more situations.

- Instant measurements up to 100 m (330 ft): Just point, click, done
- Measure with greater accuracy: Up to ± 1 mm, no scales to interpret or misread
- Do the work of two: Instead of holding the tape, your helper can do other jobs
- Speed up the job: Easily measure hard-to-access areas, like high ceilings, without climbing a ladder
- Keep it on the level: New inclination sensor on the Fluke 424D helps with leveling, height tracking, measuring around obstacles
- Reduce estimating errors—let the meters do the math: Find area and volume. Easily add and subtract distances. Use Pythagoras calculations for height
- Three-year warranty

SV225 Stray Voltage Adapter

Stray voltage can appear in electrical installations, due to the capacity between wires. This may result in erroneous readings on high impedance meters. The SV225 solves this without compromising safety.

- On energized wires, the meter will indicate the real voltage
- On non-energized circuits the meter will read close to zero (even if there are stray voltages)
- Can be used on all meters with standard input spacing
- Safety rating: CAT III 1000 V, CAT IV 600 V

Note: This adapter should not be used on low-voltage control circuits or where the circuit under test could be adversely affected by this low impedance load. The adapter is designed to handle continuously-applied power system voltages without damage. However, this adapter can be used intermittently to determine whether a circuit is energized.



Power quality

BE345-SMII Universal Battery Eliminator

345 replacement power supply
Input: 110 V/230 V, 50 Hz/60 Hz
Output: 15 V dc, 300 mA

3PHVL-1730 Cable Assembly, Voltage Test Lead 3-Phase+N

Voltage Measurement Lead Set
• Flat, four wire cable
• No tangle design

BP1730-BATTERY Battery Pack

1730 Replacement battery pack
• 3.7AV, 2.5Ah Lithium Ion

1730-CABLE Auxilliary Input Cable

• Input -10 V to +10 V dc
• Binder to BNC connecting cable

17XX-TL0.1M Test Lead Set

Power supply jumper cable
• CAT III 1000 V, stackable connectors; 0.1 M; red/black
• Connects measurement circuit to power supply

1730-HANGER Magnetic Hanger Kit

• Two part hanging kit with single and dual magnet options

17XX-TL1.5M Test Lead Set

Red and black 1.5 m test lead set
• Extended connection cable for instrument power supply

i17XX-flex1500 iFlex® Current Clamp

• 1,500 A current range
• 31cm (12 in) length

i17XX-flex1500/3pk iFlex® Current Clamp Set

• 1,500 A current range
• 31cm (12 in) length
• 3 pack

i17XX-flex3000 iFlex® Current Clamp

• 3,000 A current range
• 61cm (24 in) length

i17XX-flex3000/3pk iFlex® Current Clamp set

• 3,000 A current range
• 61 cm (24 in) length
• 3 pack

i17XX-flex6000 iFlex® Current Clamp

• 6,000 A current range
• 91 cm (36 in) length

i17XX-flex6000/3pk iFlex® Current Clamp Set

• 6,000 A current range
• 91 cm (36 in) length
• 3 pack

i17XX-flex1500/4pk iFlex® Current Clamp Set

• 1,500 A current range
• 31 cm (12 in) length
• 4 pack

i17XX-flex3000/4pk iFlex® Current Clamp Set

• 3,000 A current range
• 61 cm (24 in) length
• 4 pack

i17XX-flex6000/4pk iFlex® Current Clamp Set

• 6,000 A current range
• 91cm (36 in) length
• 3 pack

I40S-EL3X i40s-El Clamp-On Current Transformer

40A clamp-on current transformer

• Current ranges: 40 mA to 4 A/ 0.4 A to 40 A ac

I40S-EL/3PK i40s-El Clamp-On Current Transformer

40A clamp-on current transformer, 3-pack

• Current ranges: 40 mA to 4 A/ 0.4 A to 40 A ac

BC1735/EELV Low Energy Battery Charger Universal

Low standby power battery charger

• Input 100 V ac to 240 V ac, output 18 V/560 mA dc

FS17X5-TF-II 3000A 4-PH Fluke 1735 and 1745 Thin Flexible Current Probe Set

3000A AC current range

• 61 cm (24 in) length, 20 cm (8 in) diameter

Model number	345	430 II	173X	1735/174X	1750	1760	Norma
BE345	•						
BC430 Battery Charger		•					
C1740 Softcase		•		•			
GPS430 GPS Sync Module		•					
i430-FLEXI-TF-II 6000 A		•					
i430-FLEXI-TFII-4P 6000 A		•					
i430-FLEXI-TFII-12 6000 A		•					
i430-FLEXI-TFII-48 6000 A		•					
C437-II Hard Case		•					
3PHVL-1730 Cable Assembly			•				
BP1730-Battery			•				
C1730 Soft Case			•				
1730-Cable			•				
1730-Hanger			•				
1730-TL0.1M Test Lead Set			•				
1730-TL2M Test Lead Set			•				
I40S-EL/3PK i40s-El Clamp			•				
BC1735/EELV Battery Charger				•			
FS17X5-TF-II 3000A 4-PH Flexible Current Probe				•			
FS17XX IP65-TF-II 3000A Flexible Current Probe				•			
FS17XX-1PH-TF-II 3000A Flexible Current Probe				•			
FS3000/6000A-TF-4-II Flexible Current Probe				•			
ISA/50A CLAMP PQ1 1-Phase				•			
ISA/50A Clamp PQ3 3-Phase				•			
ISA/50A Clamp PQ4 4-Phase				•			
i17XX-FLEX1500 iFlex Current Probe			•				
i17XX-FLEX1500/3PK iFlex Current Probe Set			•				
i17XX-FLEX3000 iFlex Current Probe			•				
i17XX-FLEX3000/3PK iFlex Current Probe Set			•				
i17XX-FLEX6000 iFlex Current Probe			•				
i17XX-FLEX6000/3PK iFlex Current Probe Set			•				
i17XX-FLEX1500/4PK iFlex Current Probe Set			•				
i17XX-FLEX3000/4PK iFlex Current Probe Set			•				
i17XX-FLEX6000/4PK iFlex Current Probe Set			•				
WC17XX 17XX Color Code Wire Clips				•			
VL1735/4S Banana 4-Phase Voltage Leads Set				•			
MBX USB-RS232 USB				•			
3140R Current Clamp					•		
3210-PR-TF-II 1000A Thin Flexible Current Probe					•		
3310-PR-TF-II5000A Thin Flexible Current Probe					•		
3312-PR-TF-II 5000A Thin Flexible Current Probe					•		
FLUKE-1750/Case					•		
I40S-PR 1750, 40A Current Clamp					•		
I5S-PR 1750, 5A Current Clamp					•		
ST1760 Ethernet Cable						•	
TPS CF-CARD						•	
TPS CLAMP 10A/1A Current Probe						•	
TPS CLAMP 200/20A Current Probe						•	
TPS CLAMP 50A/5A Current Probe						•	
TPS FLEX 18-TF-II Thin Flexible Current Probe						•	
TPS FLEX 24-TF-II Thin Flexible Current Probe						•	
TPS FLEX 36-TF-II Thin Flexible Current Probe						•	
TPS SHUNT 1A						•	
GPS-TIME SYNC						•	
TPS SHUNT 20MA						•	
NORMA 32A Cables							•
NORMA LG Shunt/Cbl Cables							•
NORMA Star point adapter							•
NORMA V & I Cables							•

FS17XX IP65-TF-II 3000A IP65 4-Phase Fluke 1743/4 Thin Flexible Current Probe Set

Waterproof for outdoor use

- 3000A current range
- 61 cm (24 in) length, 20 cm (8 in) diameter

FS3000/6000A-TF-4-II FS3000A/6000A 4-PH 36-inch Thin Flexible Current Probe Set

6000 A/3000 A current range

- 36 in (91 cm) length, 7.6 in (29 cm) diameter

I5A/50A CLAMP PQ1 1-Phase 5A/50A Mini Current Clamp Set

5A/50A ac current range

- 15 mm (0.6 in) jaw size

I5A/50A Clamp PQ3 3-Phase 5A/50A Mini Current Clamp Set

5A/50A ac current range

- 15 mm (0.6 in) jaw size

I5A/50A Clamp PQ4 4-phase 5A/50A Mini Current Clamp

5A/50A ac current range

- 15 mm (0.6 in) jaw size

WC17XX 17XX Color Code Wire Clips, Large & Small, Volts/Amps Leads, In a Bag

Large and small clips for voltage leads and current probes

3140R Current Clamp, 400 amp

400 A ac current range

- 32 mm (1.3 in) jaw size

3210-PR-TF-II 1000A Thin Flexi 61 cm (24 in)

1000 A ac current range

- 61 cm (24 in) length, 20 cm (8 in) diameter

3310-PR-TF-II 5000A Thin Flexi 61 cm (24 in)

5000 A ac current range

- 91 cm (36 in) length, 29 cm (7.6 in) diameter

3312-PR-TF-II 5000A Thin Flexi 122 cm (48 in)

5000 A ac current range

- 121 cm (48 in) length, 38 cm (15 in) diameter

Fluke-1750/CASE Transit Case, Molded, FLK-1750 and 1760

Black waterproof case with wheels

I40S-PR 1750, 40A Current Clamp

Current ranges: 0 A to 40 A ac

- Small jaw size for easy installation

I5S-PR 1750, 5A Current Clamp

5 A ac current range

- 15 mm (0.6 in) jaw size

ST1760 X57320810100, Standard Ethernet Cable

Standard RJ45 connection plugs

TPS Clamp 10A/1A A680501049, Current Probe

1 A/10 A ac Current clamp

- 15 mm (0.6 in) jaw size

TPS Clamp 200/20 A680501050, Current Probe

20 A/200 A ac Current clamp

- 15 mm (0.6 in) jaw size

TPS Clamp 50A/5A A680501048, Current Probe

5 A/50 A ac current clamp

- 15 mm (0.6 in) jaw size

TPS FLEX 18-TF-II Thin Flexible Current Probe

100 A/500 A ac current range

- 45 cm (18 in) length, 15 cm (3.3 in) diameter

TPS FLEX 24-TF-II Thin Flexible Current Probe

200 A/1000 A ac current range

- 61cm (24 in) length, 20 cm (8 in) diameter

TPS FLEX 36-TF-II Thin Flexible Current Probe

3000 A/6000 A ac current range

- 91 cm (36 in) length, 29 cm (7.6 in) diameter

TPS Shunt 1A A680501054, Shunt

1 A ac/dc current shunt

GPS-TIME SYNC EP2050Z, Option GPS Time Sync for Fluke 1760 and TOPAS 2000

IEC61000-4-30 Class A time sync

TPS Shunt 20MA A680501057, Shunt

20 mA ac/dc current shunt

BC430 Battery Charger 230V/110V

Switchable 110 V/230 V ac

C1740 Softcase For 174X And 43X-Ii Pq Analyzer

Carrying case with compartments for Fluke 430-II and 1740 analyzer ranges

GPS430 GPS Sync Module For Fluke 430 Series

IEC61000-4-30 Class A time sync module

i430-FLEXI-TF-II 6000 A Thin Flexible Current Probe

6000 A current range

- 61 cm (24 in) length

i430-FLEXI-TF-II-4PK 6000 A Thin Flexible Current Probe

6000 A current range

- 61 cm (24 in) length

i430-FLEXI-TFII-126000A For Fluke 430 Series

- 6,000A current range
- 31 cm (12 in) length

I430-FLEXI-TFII-486000A For Fluke 430 Series

- 6,000A current range
- 122 cm (48 in) length

C437-II Hard Case

Black waterproof case with wheels

i5sPQ3, 5 A AC Current Clamps, 3-pack

5 A current range

- 15 mm (0.6 in) jaw size

NORMA 32A Cables Cables For 32A Planar Shunt

Heavy duty current cable set

NORMA 32A Shunt 32A Planar Shunt

Precision current shunt

- 32 A maximum current

NORMA V & I Cables Measurement Cable Set

Norma voltage and current connection cables



Process tools

700PTPK Pneumatic Test Kit

- Combine with any Fluke 700G Series Gauge, 1,000 psi (69 bar) or less, to make a complete pressure testing kit
- Generate pressure up to 600 psi, 40 bar with the 700PTP-1 test pump
- Connect the 700G Series gauge directly to the included PTP-1 hand pump

700HTPK Hydraulic Test Kit

- Combine with any Fluke-700G Series Gauge, 1,000 psi (69 bar) range or greater, to make a complete pressure testing kit
- Generate pressure up to 10,000 psi, 690 bar with the included 700HTP-2 test pump
- Connect the 700G Series gauge directly to the HTP-2 hand pump

700LTP-1 Low Pressure Test Pump

Hand operated pressure pump designed to generate either vacuum to -13 psi/-0.90 bar or pressures to 100 psi/6.9 bar. Ideal for low pressure applications requiring accurate low pressure testing.

71XTrap Liquid and Dirt Trap

The 71XTrap is designed to work with pressure up to 500 psi and mitigates the chance of fluid damage in at-risk applications. Designed to work with the 718 and 719PRO.

700ILF In-line Filter

The Fluke 700ILF can be used to isolate the calibrator from incidental contact with fluids. Particularly useful with the 718 calibrator to help keep moisture or oils from contaminating the on-board pump.

700PTP-1 Pneumatic Test Pump

The Fluke 700PTP is a handheld pressure pump designed to generate either vacuum to -11.6 psi/-0.8 bar or pressure to 600 psi/40 bar.

700HTP-2 Hydraulic Test Pump

The Fluke 700HTP is designed to generate pressures up to 10,000 psi/700 bar. Use the Fluke 700PRV adjustable relief valves to limit pressures from 1360 psi to 5450 psi.

700HTH-1 Hydraulic Test Hose

The 700HTH is a 10,000 psi, 700 bar test hose that connects to a calibration unit under test from a Fluke 700HTP hydraulic test pump.

700PMP Pressure Pump

The 700PMP is a hand-operated pressure pump to provide pressures up to 150 psi/1000 kPa. Output fitting is 1/8 FNPT.

700-IV Current Shunt

- Conversion factor: 10 mV = 1 mA
- Accuracy (% of input, one-year): 0.025 %
- Input current: 0 mA to 55 mA
- Input resistance: 250 Ω nominal
- Output resistance: 10 Ω nominal
- Accuracy specification applies from +18 °C and 28 °C to 50 °C
- Maximum input voltage: 30 V dc

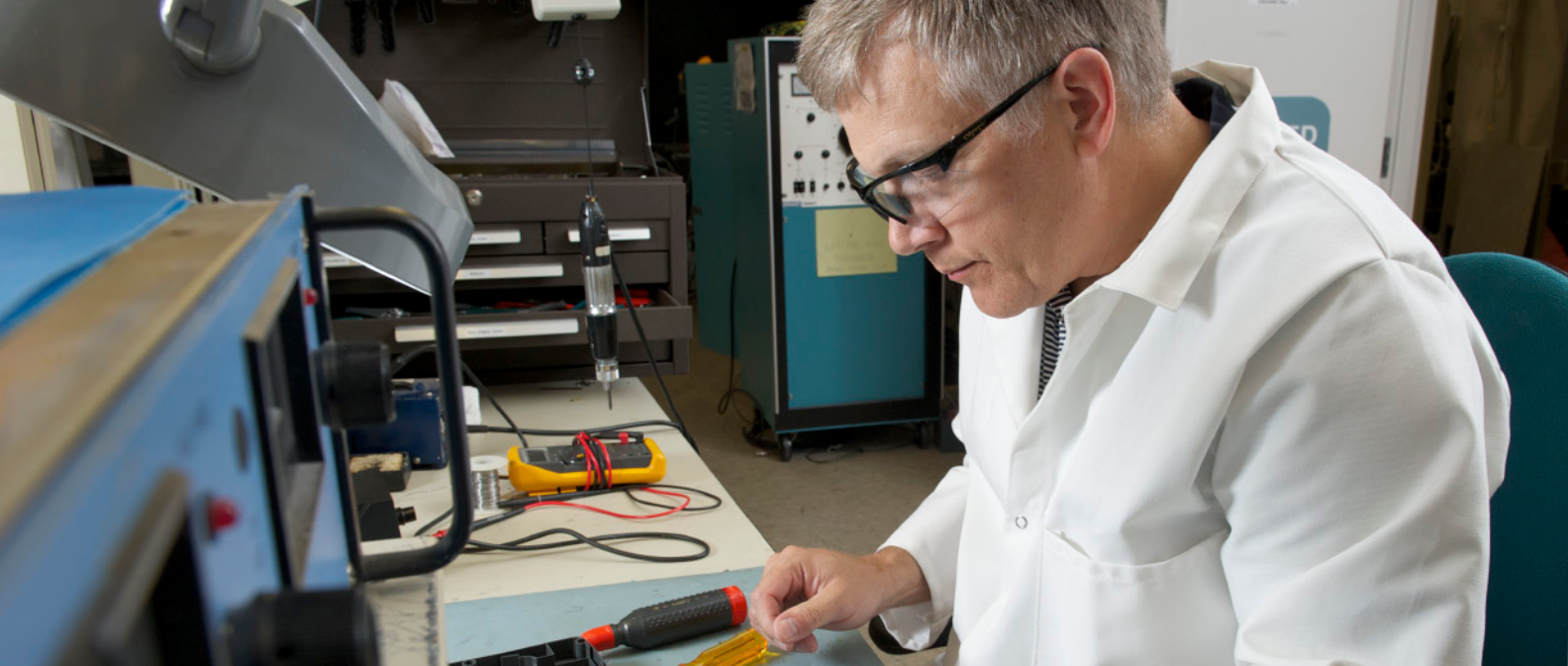
71X, Hose Kit

The Fluke 71X Hose Kit is a compatible with the 717, 718 and 719pro calibrators 100 psi and below.

The kit contains three translucent hoses one meter long and one 1/8 to 1/4 NPT female-female adapter.

700PRV Pressure Relief Valve Kit

The Fluke 700PRV consists of two relief valves (1360 and 5450 psi) to be used with the 700HTP Hydraulic Test Pump. These relief valves will protect the most commonly used Fluke pressure modules from damage due to accidental over-pressurization. 1/4 BSP male parallel thread to fit Fluke 700HTP.



Fluke CarePlans

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Test Tool CarePlans	Gold	Silver
Fluke's highest level of calibration service, performed annually to ensure compliance with Fluke and industry specifications	•	
All necessary upgrades automatically installed so test tool is always up to date	•	
Notification straight from the manufacturer to ensure your instrument is always in calibration	•	•
Two years of extended warranty	•	•
First-on-bench service priority handling	•	•
Discount on requested, non-warranty services	•	•
No freight costs with prepaid freight on return of instrument	•	•

* The extended warranty on test tools is two years. Choose from one, two or three years for thermal imagers.

Calibration, repair and more.

Your Fluke instrument was built to last. Ensure its on-going optimal performance with a Fluke Gold or Silver CarePlan, available for a wide-variety of test tools and thermal imaging cameras.

CarePlans provide significant savings over out-of-warranty repairs, calibrations, and performance checks.

Gold CarePlans

Maximizes your instrument's performance with comprehensive coverage that includes annual calibration, upgrades, and priority handling for up to three* additional years past the original warranty.

Silver CarePlans

Protects your instrument with up to three* additional years of warranty, priority handling, and significant savings over a out-of-plan repair.

They are available when you purchase a new test tool or thermal imager. Ask your Fluke sale representative or visit www.fluke.com/GetCarePlans

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