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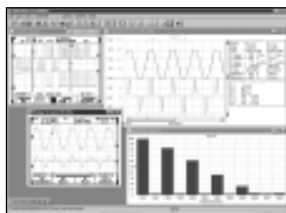
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**FLUKE®**

# ScopeMeter®

## Accessories

### PC Software



**SW90W** FlukeView® ScopeMeter® Software for Windows®

- For Fluke 190 & 120 Series ScopeMeter
- Windows® 95/98 NT 4.0/2000
- Requires one free RS-232 port (COM port)
- Optional PM9080 RS-232 Adapter/Cable required



**SCC120** Software Cable Case 120 Series

**SCC190** Software Cable Case 190 Series

Accessories Package, including:

- FlukeView® ScopeMeter® Software for Windows®  
English, French and German language
- PM9080 Optically Isolated RS-232 Adapter/Cable
- Hard Carrying Case C120 or C190

### Protective Cases



**C120** Hard Carrying Case for 120 Series

**C190** Hard Carrying Case for 190 Series

Storage compartments for test leads, probes, instruction manual, power adapter and other small accessories.



**C195** Soft Carrying Case Universal

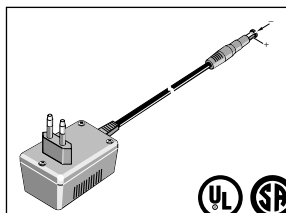
Durable soft case. Adjustable storage compartments suitable for all ScopeMeter models. Storage compartments for test leads, probes, instruction manual, power adapter and other accessories.



**C125** Compact Soft Case 120 Series

Zippered carrying case (black) for 120 Series. Pouch is designed to carry test leads and probes. Convenient belt loop accommodates tool belt.

### Powering and Charging



**PM8907** Line Voltage Adapter/Battery Charger 120 Series

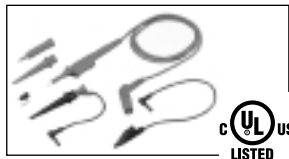

**BC190** Line Voltage Adapter/Battery Charger 190 Series

- /801 (Europe) 230 V  $\pm$  10%
- /803 (North America) 120 V  $\pm$  10%
- /804 (United Kingdom) 230 V  $\pm$  10%
- /806 (Japan) 100 V  $\pm$  10%
- /807 (Australia) 230 V  $\pm$  10%
- /808 (Universal) switchable 115 V  $\pm$  15% or 230 V  $\pm$  15%.

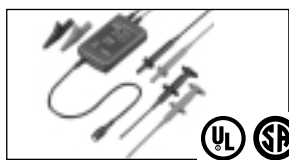



Safety Designed Oscilloscope Probes

Double insulated, 600V CAT III / 1000V CAT II rated

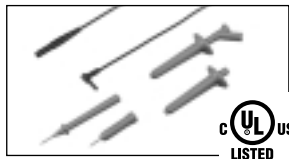


	Type / Description	Atte- nuation	Max. Signal Voltage	Band Width
	<b>VPS200-G</b> ①② Voltage Probe Set (one gray)	10:1	1000 V	200 MHz
	<b>VPS200-R</b> ①② Voltage Probe Set (one red)	10:1	1000 V	200 MHz
	<b>VPS201</b> ①② 100:1 Voltage Probe Set (red & gray)	100:1	1000 V	200 MHz
	<b>VPS250</b> ① 2.5 m Voltage Probe Set (red & gray)	10:1	1000 V	75 MHz
	<b>VPS121</b> ① 1:1 Voltage Probe Set probe (one black)	1:1	300 V	12 MHz

Probe sets include:  
① **600 V CAT III / 1000 V CAT II rated** Voltage Probe 1.2 m; Hook Clip for Probe Tip; 4 mm Test Probe for Probe; Ground Lead with Hook Clip; Ground Lead with Mini Alligator.  
② **30 V CAT II rated** Ground Spring for Probe Tip

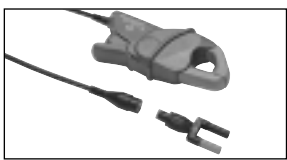
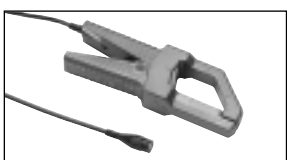



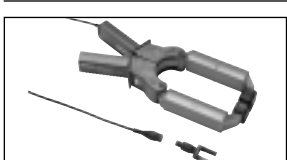
	<b>DP120</b> Differential probe 1.5 m with shrouded banana probe tips (red & black) <b>600V CAT III / 1000V CAT II rated</b>	200:1 20:1	1200 Vp 120 Vp	20 MHz 20 MHz
	<b>ITP120</b> Optically isolated trigger probes 1.2 m, for ScopeMeter 123. Incl. Hookclip with ground lead. Max. signal voltage & voltage to ground: <b>600 V rms, CAT II</b>			

Safety Designed Oscilloscope Probe Accessories

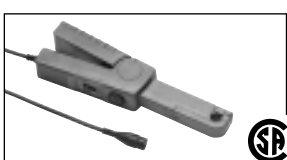

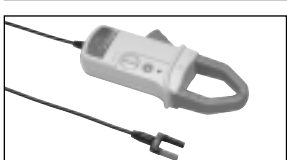
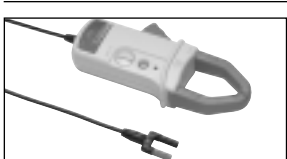

for VPS Series probes

	<b>AS200-G</b> Probe Accessory Set Gray <b>AS200-R</b> Probe Accessory Set Red Set includes: <b>600 V CAT III / 1000 V CAT II rated</b> Industrial Alligator for Probe; 2 mm Test Probe for Probe; 2 mm Test Probe for Banana; Industrial Alligator for Banana; Ground Lead 4 mm Banana.
	<b>RS200</b> Probe Replacement Set Set includes: <b>600 V CAT III / 1000 V CAT II rated</b> Hook Clip for Probe Tip (2 red, 1 gray); 4-mm Test Probe for Probe (1 red, 1 gray); Ground Lead with Hook Clip (1 red, 1 gray); Ground Lead with Mini Alligator (2 black). <b>30 V CAT II</b> rated Ground Spring for Probe Tip (5x).
	<b>PM9090</b> Pin-grabber (red & gray) <b>Maximum Voltage: 600 V rms. CAT III</b>

## AC Current Clamps

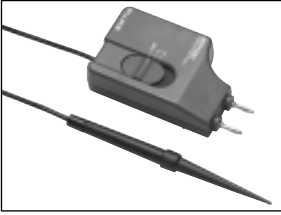
	Range	Basic Accuracy % reading	Usable Frequency Range
	<b>i200s</b> 0.1 – 20 A      100 mV/A <sup>③</sup> 0.5 – 200 A      10 mV/A	1.5% + 0.5 A	40 Hz – 10 kHz
	<b>80i-500s</b> 1 – 500 A      1 mV/A <sup>③</sup>	2%	5 Hz – 10 kHz
	<b>i1000s</b> 0.1 – 10 A      100 mV/A <sup>③</sup> 0.1 – 100 A      10 mV/A 1 – 1000 A      1 mV/A	1% + 1 A	5 Hz – 100 kHz
 	<b>i2000flex</b> 2 – 200 A      10 mV/A <sup>③</sup> 20 – 2000 A      1 mV/A	1% F.S.	1 Hz – 20 kHz
	<b>i3000s</b> 1A – 30 A      10 mV/A <sup>③</sup> 1A – 300 A      1 mV/A 1A – 3000 A      0.1 mV/A	2% + 2 A	10 Hz – 100 kHz

## AC / DC Current Clamps

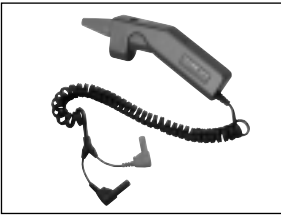
	Type	Ranges	Basic Accuracy % reading	Usable Frequency Range
 	<b>80i-110s</b> 0.1 – 10 A; AC/DC 100 mV/A 1 – 100 A; AC/DC 10 mV/A <b>600 V CAT II,</b> <b>300 V CAT III rated</b>		3% + 50 mA (@ 10A)	DC – 100 kHz
	<b>i410</b> 1 A – 400 A; AC/DC 1 mV/A <sup>③</sup>		3.5% + 0.5 A	DC - 3 kHz
	<b>i1010</b> 1 A – 600 A; AC 1 mV/A <sup>③</sup> 1 A – 1000 A; DC 1 mV/A		2% + 0.5 A	DC – 10 kHz
	<b>CS20MA</b> 4 – 20 mA shunt 10 Ω 10 mV/mA <b>30 V CAT III rated</b>		0.1%	DC – ≥10 kHz

③ 600 V CAT III rated

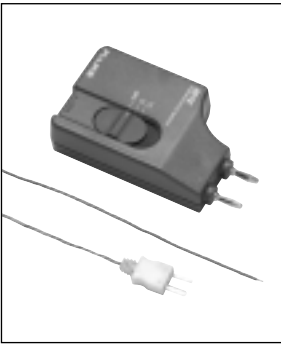
## Temperature Probes



**80T-150U** Universal Temperature Probe  
For air, surface, and non-corrosive liquids.  
**Range:** -50 °C to + 150 °C, or -58 °F to 320 °F  
**Output:** 1 mV per °C or °F  
**Accuracy:** ±1 °C (1.8 °F) 0 °C to 100 °C

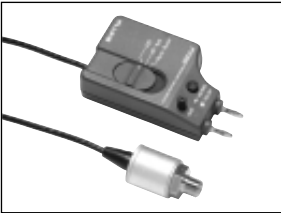


**80T-IR** Non-Contact Infrared Temperature Probe  
For hazardous to touch, moving, easily contaminated, or difficult to reach surfaces.  
**Range:** -18 °C to +260 °C, or 0 °F to 500 °F  
**Output:** 1 mV per °C or °F  
**Accuracy:** ±3% of reading (+3 digits)



**80TK** Thermocouple Module  
For Type K thermocouples with connector.  
**Range:** -50 °C to +1000 °C, or -58 °F to 1832 °F  
**Output:** 1 mV per °C or °F  
**Accuracy:** 0.5% ±2 °C, or 0.5% ±3.6 °F  
Optional probes for 80TK  
**80CK-M** Male Mini Connectors  
**80PK-1** K-Type General Purpose Probe  
**80PK-2A** K-Type Immersion Probe  
**80PK-3A** K-Type Surface Probe  
**80PK-4A** K-Type Air Probe  
**80PK-5A** K-Type Piercing Probe  
**80PK-6A** K-Type Exposed Probe  
**80PK-7** K-Type Industrial Surface Probe  
**80PK-8** K-Type Pipe Clamp Probe

## Pressure Probes



**PV350 Digital Pressure/Vacuum Module**  
Measures pressure to 500 psi (3447 kPa) and vacuum from 0 to 76 cm Hg (0 to 29.9" Hg).

All ratings per IEC 1010-2-032, Pollution Degree 2

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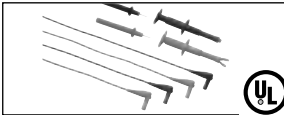
## Industrial Test Leads



### STL120

1.2 m Industrial Shielded Test Lead Set  
12.5 MHz for ScopeMeter 120 Series (red, gray)  
Compatible with AC120 & HC120  
Maximum Current: 1A

④



### TL20

1.6 m Industrial Silicone Test Lead Set  
Incl. test Probes and Alligator Clips for banana plugs  
(red and black)

⑤



### TL24

1.6 m Silicone Test Leads  
(red and black)

⑤



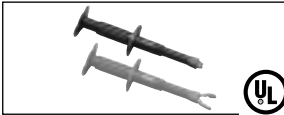
### TL75

1.2 m Hard Point Right Angle Test Lead Set  
(red & black) Compatible with AC120 & HC120

⑤

UL 1244

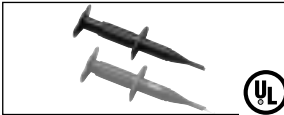
## Industrial Test Leads Accessories



### AC20

Industrial Alligator Clips for banana plugs  
(red & black) **1000 V, 10 A max.**

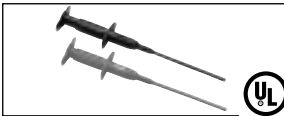
⑤



### AC80

Hook-Style Test Clips for banana plugs  
(red & black) **1000 V, 3 A max.**

⑤



### AC83

Pin-Grabber Test Clips for banana plugs  
(red & black) **1000 V, 1 A max.**

⑤



### AC85A

Large Jaw Alligator Clips for banana plugs  
(red & black) **600 V, 10 A max.**

⑤



### AC120

Alligator Clips 120 (red, gray, black)  
For STL 120 and TL75 Test Leads. **600 V, 10 A max.**

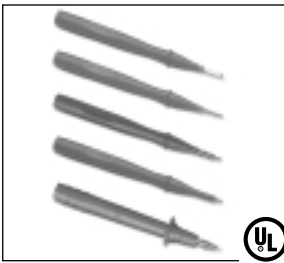
⑤



### HC120

Hook Clips 120 (red, gray)  
For STL 120 and TL75 Test Leads. **600 V, 3 A max.**

⑤



### Slim Reach™ Test Probes for banana plugs (red & black)

**TP1** Flat blade for North American wall sockets.

**TP2** 2 mm diameter tip for electronics work.

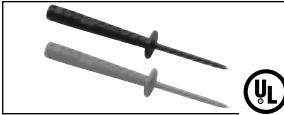
**TP4** 4 mm diameter tip for European wall sockets.

**TP38** With insulated tips.

**TP74** Lantern tip Banana-style spring contacts with nickel-plated brass ends.

Meet GS-38, safety Guidance Note issued by UK Ministry of Health and Safety.

⑤



### TP80

Electronic Test Probe for banana plugs (red & black).  
For electronic probing of high density boards.

⑤

④ **Max. Signal Voltage & Voltage to Ground: 600 V rms. CAT III**

⑤ **Rated for 10 A and 1000 V CAT III environments**

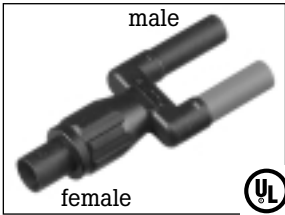
# Safety Designed Cables and Adapters



**PAC91**  
Printer Adapter Cable 0.25 m.  
Safety designed optical to parallel printer adapter cable.  
See instrument Manual for compatible printers.

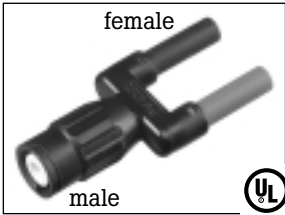


**PM9080**  
Optically-isolated RS-232 Interface Adapter.



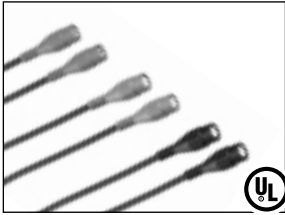
**PM9081**  
Dual Banana Plug 4 mm male to female BNC Adapter.  
The set consists of two adapters.

⑥



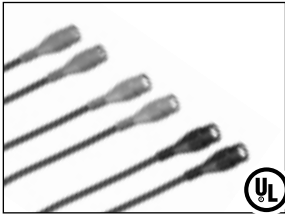
**PM9082**  
Dual Banana Jack 4 mm female to male BNC Adapter.  
The set consists of two adapters.

⑥



**PM9091**  
50 Ohm Coaxial BNC cable set, 3 x 1.5 m.  
Three colored BNC male connectors (red, gray and black) for easy identification.

⑥



**PM9092**  
50 Ohm Coaxial BNC cable set, 3 x 0.5 m.  
Three colored BNC male connectors (red, gray and black) for easy identification.

⑥



**PM9093**  
Male BNC to dual female BNC T-piece.  
Set consists of two adapters.

⑥



**BB120**  
Two shielded Banana-to-BNC Adapters.  
Adapting Probes and BNC adapters to 120 Series ScopeMeters.

⑥

⑥ Max Signal Voltage: **300 V rms CAT III**  
Max Voltage to Ground: **600 V rms. CAT III**