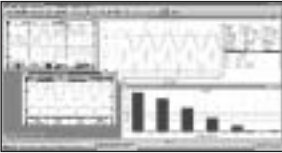


# ScopeMeter®

## Accessories

### PC Software



**SW90W** FlukeView® ScopeMeter® Software for Windows® English, French and German language

- For Fluke 190 & 120 Series ScopeMeter
- Windows® 95/98/Me/NT4.0/2000/XP
- 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®
- 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.

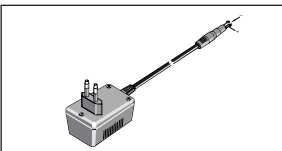


**C125** Compact Soft Case 120 Series

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 ± 10%

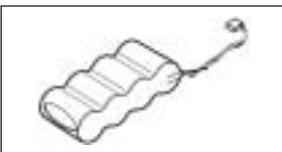
/803 (North America) 120 V ± 10%  

/804 (United Kingdom) 230 V ± 10%

/806 (Japan) 100 V ± 10%

/807 (Australia) 230 V ± 10%

/808 (Universal) switchable 115 V ± 15% or 230 V ± 15%.  







**BP120** NiCd Battery Pack for Fluke 123 & 43(B)

**BP130** NiMH Battery Pack for Fluke 124

**BP190** NiMH Battery Pack for Fluke 190(B/C)

**PM9086** NiCd Battery Pack for Fluke 90(B) & 105(B)

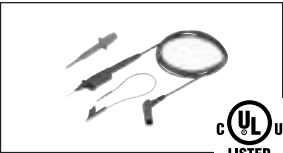

## Safety Designed Oscilloscope Probes

	Type / Description/Attenuation	Max. Signal Voltage	Band Width MHz
 	<b>VPS200-G</b> (one gray) <b>VPS200-R</b> (one red) Voltage Probe Set	10:1 1000 V ①②	200
	<b>VPS201</b> (one red, one gray) 100:1 Voltage Probe Set	100:1 1000 V ①②	200
	<b>VPS100</b> (one red, one gray) <b>VPS100-R</b> (one red, one gray) Voltage Probe Set	10:1 1000 V ①②	100
 	<b>VPS250</b> (one red, one gray) 2.5 m Voltage Probe Set	10:1 1000 V ①	75
	<b>VPS121</b> (one black) 1:1 Voltage Probe Set probe	1:1 300 V ①	12

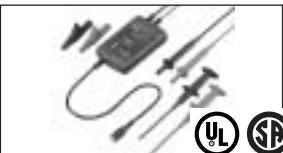


Above probe sets include:


① 600V CAT III / 1000V CAT II rated Voltage Probe 1.2 m with isolated BNC; Hook Clip for Probe Tip; 4mm Test Probe for Probe; Ground Lead with Hook Clip; Ground Lead with Mini Alligator.

② 30V CAT II rated Ground Spring for Probe Tip

 	<b>VPS40</b> 40 MHz Voltage Probe (one black) See 2 mm probe tip accessories	10:1 1000 V	40
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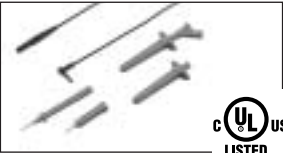

VPS40 Includes: 600V CAT III / 1000V CAT II rated Voltage Probe 1.2 m with 2 mm probe tip and 4 mm shielded banana; HC120 Hook Clip and Ground Lead with Mini Alligator.



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

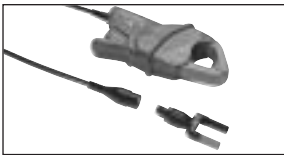
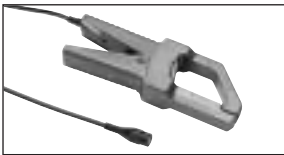


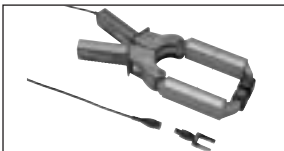
for VPS Series probes (not for VPS40 having 2 mm probe tip)

 	<b>AS200-G</b> Probe Accessory Set Gray <b>AS200-R</b> Probe Accessory Set Red Set includes: 600 V CAT III / 1000 V CAT II rated 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.
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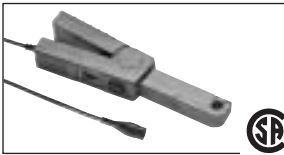
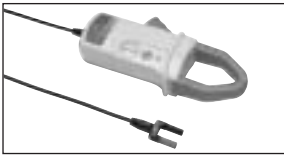

 	<b>RS200</b> Probe Accessory Replacement Set Set includes: 600 V CAT III / 1000 V CAT II rated Hook Clip for Probe Tip (2 red, 1 gray); 4-mm Test Probe for Probe (1 red, 1 gray); Ground Lead with Hook Clip (1 red, 1 gray); Ground Lead with Mini Alligator (2 black). 30 V CAT II rated Ground Spring for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

	Type	Ranges	Basic Accuracy % reading	Usable Frequency Range
	<b>i200s</b> 0.1 – 20 A 0.5 – 200 A	100 mV/A <sup>③</sup> 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 0.1 – 100 A 1 – 1000 A	100 mV/A <sup>③</sup> 10 mV/A 1 mV/A	1% + 1 A	5 Hz – 100 kHz
	<b>i2000flex</b> 2 – 200 A 20 – 2000 A	10 mV/A <sup>③</sup> 1 mV/A	1% Full Scale	1 Hz – 20 kHz
	<b>i3000s</b> 1A – 30 A 1A – 300 A 1A – 3000 A	10 mV/A <sup>③</sup> 1 mV/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 600 V CAT II / 300 V CAT III	3% + 0.5 A	DC – 20 kHz
	<b>i410</b>	1 A – 400 A AC/DC 1 mV/A <sup>③</sup>	3.5% + 0.5 A	DC – 3 kHz (-3 dB)
	<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 (-3 dB)
	<b>CS20MA</b>	4 – 20 mA shunt 10 Ω 10 mV/mA 30 V CAT III	0.1%	DC ≥ 10 kHz

③ Rated for 600 V CAT III environments

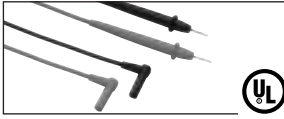
## Industrial Test Leads & Accessories with 2 mm probe tip



**VPS40** 10:1 probe (see Oscilloscope Probes)  
2 mm probe tip is compatible with AC120, HC120 & TP920  
600V CAT III / 1000V CAT II



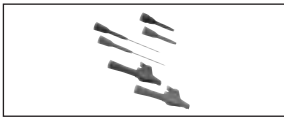
**STL120** 1.2 m Industrial Shielded Test Lead Set 12.5 MHz  
(red, gray) with 2 mm probe tip and 4 mm shielded  
banana. Compatible with AC120, HC120 & TP920  
600V rms, 1A max.



**TL75** 1.2 m Hard Point Test Lead Set (red, black)  
Compatible with AC120, HC120 & TP920  
1000V CAT III, 10A max.



**TL910** Electronic Test Probe Set (red, black)  
Slender design, comfortable to hold for hard to reach test  
points. Comes with 3 sets of spring loaded gold plated and  
2 sets of stainless steel tips. Compatible with AC120, HC120  
& TP920 Replacement tips are available as model TP912  
600V CAT IV; 1000V CAT III, 3 A max.



**TP920** Test Probe Adapter Kit (300V CAT II)  
Push-on adapters for use with TL910, STL120 & TL75.  
- IC Test Tip (3A max.)  
- Extended Probe Tips for hard to reach points (3A max.)  
- Medium Alligator Clips, max jaw opening 7.6 mm (5A max.)



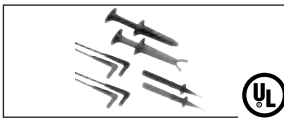
**AC120** Alligator Clips 120 (red, gray, black)  
600V CAT III, 10A max.  
For STL 120, TL75 & TL910 Test Leads



**HC120** Hook Clips 120 (red, gray)  
600V CAT III, 3A max.  
For STL 120, TL75 & TL910 Test Leads



## Sure Grip™ Industrial Test Leads & Accessories with safety shrouded banana plugs



**TL220** SureGrip™ Industrial Test Lead Kit 1.6 m ④ 10A max.  
Incl. test Probes and Alligator Clips & Silicone  
Test Leads (red, black)



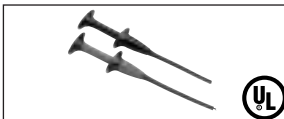
**TL224** SureGrip™ Silicone Test Lead Set ④ 10A max.  
1.5 m Test leads (red, black)



**AC220** SureGrip™ Alligator Clip Set for ④ 10A max.  
banana plugs (red, black)



**AC280** SureGrip™ Hook Clip Set for banana ④ 3A max.  
plugs (red, black)

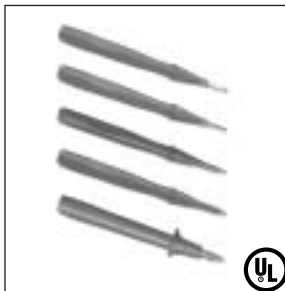


**AC283** SureGrip™ Pincer Clip Set for banana ④ 1A max.  
plugs (red, black)



**AC285** SureGrip™ Alligator Clip Set for ④ 10A max.  
banana plugs (red, black)

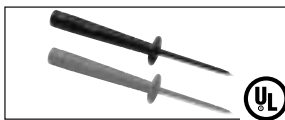


**Slim Reach™ Test Probes**

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



⑤ Rated for 600V CAT IV, 1000V CAT III environments

**Safety Designed Cables and Adapters****PAC91**

Printer Adapter Cable 0.27 m.

Safety designed optical to parallel printer adapter cable. See instrument Manual for compatible printers.

**PM9080**

Optically-isolated RS-232 Interface Adapter.



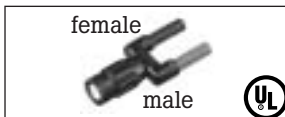
male

female

**PM9081**

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

⑥



female

male

**PM9082**

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

⑥

**PM9091 3 x 1.5 m****PM9092 3 x 0.5 m**

50 Ohm Coaxial BNC cable set.

Colored BNC male connectors (red, gray and black) for easy identification.



⑥

⑥

**PM9093**

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

⑥

**BB120**

Two shielded Banana-to-BNC Adapters.

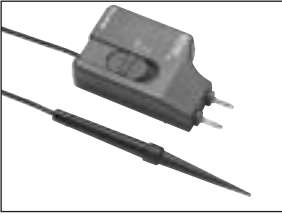
Adapting Probes and BNC adapters to 120 Series ScopeMeters.



⑥

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

## Temperature Probes



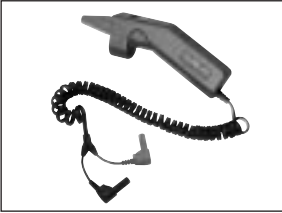
### 80T-150U Universal Temperature Probe

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; 0 °C to 100 °C (± 1.8 °F; 32°F to 212°F)



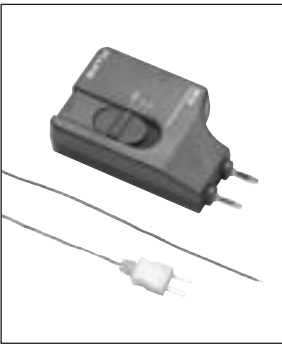
### 80T-IR Non-Contact Infrared Temperature Probe

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 male mini 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

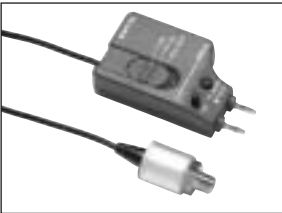
**80PK-5A** K-Type Piercing Probe

**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



Only for use with  
90 series ScopeMeter



Only for use with  
120 series ScopeMeter



Only for use with  
190 series ScopeMeter

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