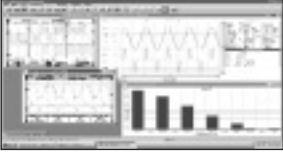


# ScopeMeter®

## Accessories

### PC Software



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

- For Fluke 190 & 120 Series ScopeMeter
- Windows® 2000/XP
- Requires one free USB or RS-232 port
- Optional OC4USB (USB) or 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®
- OC4USB Optically Isolated RS-232/USB Adapter/Cable
- Hard Case C120 or C190
- One BB120 Adapter in SCC120

### Protective Cases



**C120** Hard Case for 120 Series

**C190** Hard Case for 190 Series

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



**C195** Soft 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.

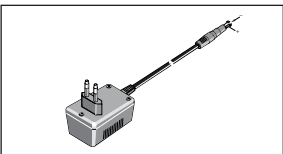


**C125** Compact Soft Case 120 Series

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%

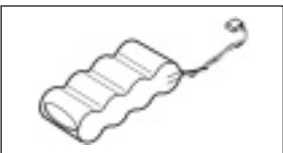
/803 (North America) 120 V ± 10% 

/804 (United Kingdom) 230 V ± 10%

/806 (Japan) 100 V ± 10%

/807 (Australia) 230 V ± 10%

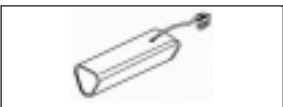
/808 (Universal) switchable 115 V ± 15% or 230 V ± 15%. 



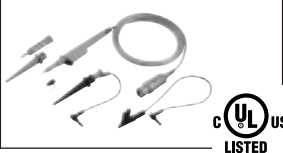





**BP120MH** NiMH Battery Pack for Fluke 120 Series & 43 (B)

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

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



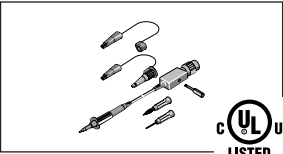
## Safety Designed Oscilloscope Probes

	Type / Description/Attenuation	Max. Signal Voltage	Band Width MHz		
	<b>VPS210-G</b> (one gray) <b>VPS210-R</b> (one red) Voltage probe	10:1	1000 V ①②	200	
	<b>VPS220-G</b> (one gray) <b>VPS220-R</b> (one red) 100:1 Voltage Probe Set	100:1	1000 V ①②	200	
	<b>VPS100</b> (one red, one gray) <b>VPS100-R</b> (one red) Voltage Probe	10:1	1000 V ①②	100	
	<b>VPS212-G</b> (one gray) <b>VPS212-R</b> (one red) 2.5 m Voltage Probe Set	10:1	1000 V ①②	200	
	<b>VPS121</b> (one black) 1:1 Voltage Probe Set probe	1:1	300 V CAT III	12	
	<b>VPS101</b> (one black) 1:1 Voltage Probe Set probe	1:1	300 V CAT III	30	

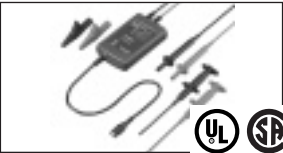
Above probe sets include:



① 600 V CAT III / 1000 V 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 30 V CAT II rated Ground Spring for Probe Tip

	<b>PM8918/301</b> Low Pass Filter Probe (one blue)	10:1	600 V	4 kHz	
----------------------------------------------------------------------------------	----------------------------------------------------	------	-------	-------	--



PM8918/301 includes: 600 V CAT III rated 10:1 Probe 2.5 m, Probe tip to banana adapter, Probe tip to 2 mm probe and 42 Vpk/ 30 V rms rated mini Test-hook.

	<b>DP120</b> Differential probe 1.5 m with shrouded banana probe tips (red & black) Incl: Alligator & Pincer Clip Sets 600 V CAT III / 1000 V CAT II	200:1 20:1	1200 Vp 120 Vp	20 20	
-----------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------	-------------------	----------	--



	<b>ITP120</b> Optically isolated trigger probe 1.2 m, for 120-series Scopemeter. Incl. Hookclip with ground lead. Max. signal voltage & voltage to ground: 600 V rms, CAT II				
------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--------------------------------------------------------------------------------------



## Safety Designed Oscilloscope Probe Accessories

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

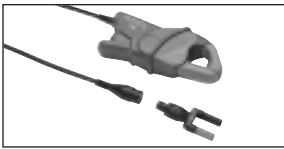

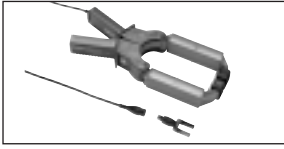



	<b>AS200-G</b> Probe Accessory Set Gray <b>AS200-R</b> Probe Accessory Set Red Set includes: 600 V CAT III / 1000 V CAT II rated Industrial Alligator for Probe; 2 mm Test Probe for Probe; 2 mm Test Probe for Banana; Industrial Alligator for Banana; Ground Lead 4 mm Banana.				
------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	-------------------------------------------------------------------------------------

	<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).				
------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	-------------------------------------------------------------------------------------

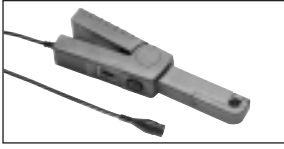

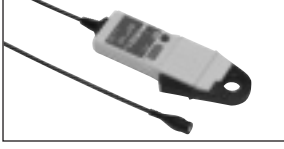
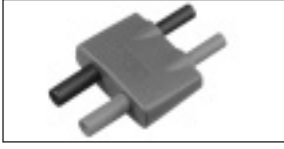
	<b>HC200</b> Hook Clip Set Set of four Hook Clips (2 red & 2 gray) 600 V CAT III / 1000 V CAT II rated				
------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------	--	--	--	-------------------------------------------------------------------------------------

	<b>PM9090</b> Pin-grabber (red & gray) Maximum Voltage: 600 V rms. CAT III				
------------------------------------------------------------------------------------	-------------------------------------------------------------------------------	--	--	--	-------------------------------------------------------------------------------------

## 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>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>i3000s</b>	1 A – 30 A 1 A – 300 A 1 A – 3000 A	10 mV/A <sup>③</sup> 1 mV/A 0.1 mV/A	2 % + 2 A 10 Hz – 100 kHz
	<b>i5s</b>	0.01 – 5 A	400 mV/A <sup>③</sup>	1 % + 5 mA (48 – 65 Hz) 40 Hz – 5 kHz
	<b>i400s</b>	0.5 – 40 A 5 – 400 A CAT III 1000 V / CAT IV 600 V	10 mV/A 1 mV/A	2 % + 0.04 A 2 % + 0.015 A 45 Hz – 3 kHz
	<b>i3000s flex-24 (610 mm)</b> <b>i3000s flex-36 (915 mm)</b>	1 – 30 A 2 – 300 A 30 – 3000 A	100 mV/A <sup>③</sup> 10 mV/A <sup>③</sup> 1 mV/A	1 % 10 Hz – 50 kHz

## AC / DC Current Clamps

	Type	Ranges	Basic Accuracy % reading	Usable Frequency Range
	<b>80i-110s</b>	0.1 – 10 A AC/DC 1 – 100 A AC/DC 600 V CAT II / 300 V CAT III	100 mV/A 10 mV/A	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 A – 1000 A DC	1 mV/A <sup>③</sup> 1 mV/A	2 % + 0.5 A DC – 10 kHz (-3 dB)
	<b>i30s</b>	CAT III 300 V 0.05 – 30 A	100 mV/A	1 % ± 2 mA DC – 100 kHz
	<b>i310s</b>	CAT III 300 V 0.1 – 30 A AC RMS 0.1 – 300 A AC RMS 0.1 – 45 A AC RMS 0.1 – 450 A AC RMS	10 mV/A 1 mV/A 10 mV/A 1 mV/A	1 % DC – 20 kHz
	<b>CS20MA</b>	4 – 20 mA shunt 10 Ω 30 V CAT III	10 mV/mA	0.1 % DC ≥ 10 kHz

③ Rated for 600 V CAT III environments

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



**VPS40** 1.2 m 40 MHz 10:1 Voltage Probe (one black) with 2 mm probe tip and 4 mm shielded banana; HC120 Hook Clip and Ground Lead with Mini Alligator. 2 mm probe tip compatible with AC120, HC120 and TP920 600 V CAT III / 1000 V 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 600 V rms, 1 A max.



**TL76** 1.5 m All-in-one Test Lead Set (red, black) 2 mm probe tip with removable 4 mm tips Compatible with AC120, HC120 & TP920 600 V CAT IV; 1000 V CAT III, 10 A 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 600 V CAT IV; 1000 V CAT III, 3 A max.



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



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



**HC120** Hook Clips 120 (red, gray) 600 V CAT III, 3 A 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 ④ 10 A max.  
 Handy all-in-one kit that includes:  
 - AC220 SureGrip™ Alligator Clip Set  
 - TP220 SureGrip™ Test Probe Set  
 - TL222 SureGrip™ Silicone Test Lead Set (right to left) 1.5 m



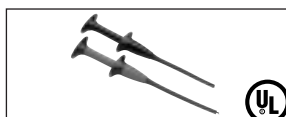
**TL224** SureGrip™ Silicone Test Lead Set ④ 10 A max.  
 1.5 m Test leads (red, black)



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



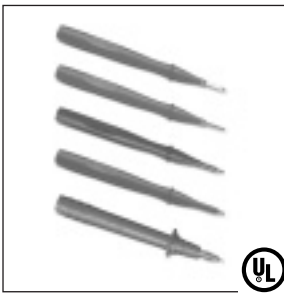
**AC280** SureGrip™ Hook Clip Set for banana plugs (red, black) ④ 3 A max.



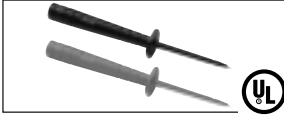
**AC283** SureGrip™ Pincer Clip Set for banana plugs (red, black) ④ 1 A max.



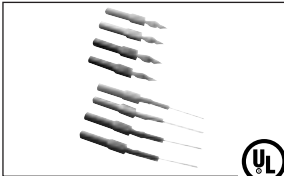
**AC285** SureGrip™ Alligator Clip Set for banana plugs (red, black) ④ 10 A max.



**Slim Reach™ Test Probes** for banana plugs (red, black) ⑤  
**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.



**TP80** Electronic Test Probe for banana plugs (red, black) For electronic probing of high density boards. ⑤



**TAS90** Shielded Test Lead Accessory Set  
 Four 4 mm adapters for banana plug, 10 A (1 red, 1 gray, 2 black)  
 Four Backprobe pins for banana plug, 1 A (1 red, 1 gray, 2 black)



Rated for 30 V CAT II

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

## Safety Designed Cables and Adapters



**PAC91**  
 Printer Adapter Cable 0.27 m.  
 Safety designed optical to parallel printer adapter cable. See ScopeMeter Manual for compatible printers.



PM9080



OC4USB

**PM9080**  
 Optically Isolated RS-232 Interface Adapter

**OC4USB**  
 Optically Isolated Interface Adapter for USB



female BNC

male Banana



**PM9081** ⑥  
 Dual Banana Plug 4 mm male to female BNC Adapter. Set consists of two adapters.

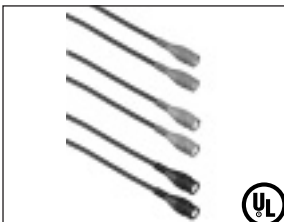


male BNC

female Banana



**PM9082** ⑥  
 Dual Banana Jack 4 mm female to male BNC Adapter. Set consists of two adapters.



**PM9091 3 x 1.5 m** ⑥  
**PM9092 3 x 0.5 m** ⑥  
 50 Ohm Coaxial BNC cable set,  
 Colored BNC male connectors (red, gray and black) for easy identification.



**PM9093** ⑥  
 Male BNC to dual female BNC T-piece. Set consists of two adapters.

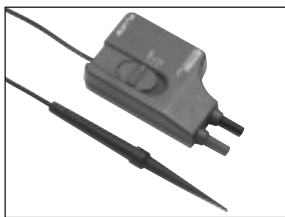


**BB120** ⑥  
 Two shielded Banana-to-BNC Adapters. Adapting Probes and BNC adapters to 120 Series ScopeMeters.



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

## Temperature Probes



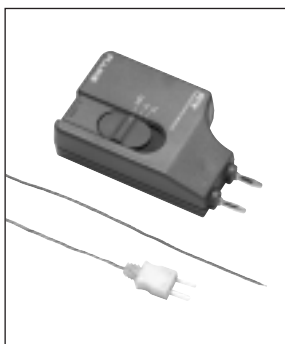
### 80T-150UA Universal Temperature Probe

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)



### 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-22** SureGrip™ Immersion Probe

**80PK-3A** K-Type Surface Probe

**80PK-24** SureGrip™ Air Probe

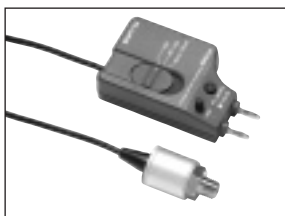
**80PK-25** SureGrip™ Piercing Probe

**80PK-26** SureGrip™ Tapered Probe

**80PK-27** SureGrip™ 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

## Automotive Kits



### SCC128

Automotive Troubleshooting Kit 120 Series



### SCC198

Automotive Troubleshooting Kit 120 Series

The Fluke SCC128 and SCC198 provide a host of accessories to quickly make measurements on automotive electronic systems. The kits include a.o. a Hard Case, FlukeView Software, Test leads, Accessories and Adapters.



Only for use with  
90 series ScopeMeter



Only for use with  
120 series ScopeMeter



Only for use with  
190 series ScopeMeter

### Fluke Corporation

P.O. Box 9090  
Everett, WA USA 98206

**Web: [www.fluke.com](http://www.fluke.com)**

### Fluke Europe B.V.

P.O. Box 1186  
5602 BD Eindhoven  
The Netherlands

**Web: [www.fluke.eu](http://www.fluke.eu)**

### For more information call:

In the U.S.A. (800) 443-5853  
or Fax (425) 446 -5116

In Europe/M-East/Africa  
+31 (0)40 2 675 200

or Fax +31 (0)40 2 675 222

In Canada (905) 890-7600

or Fax (905) 890-6866

From other countries

+1 (425) 446 -5500

or Fax +1 (425) 446 -5116

© Copyright 2008 Fluke Corporation.  
All rights reserved. Printed in the  
Netherlands 03/2008 Data subject to  
alteration without notice.

Pub\_ID: 10578-eng  
Rev. 04

1629076 D-ENG-N A  
Rev. E



949872010212