

Fluke Scopemeter Accessories

Ordering Information

Standard Accessories	190 Series	Price	120 Series	Price
Rechargeable battery pack (installed):	BP190		BP120	
Line Voltage adapter/ battery charger:	BC190/803		PM 8907/803	
Two Probes, red and grey	VPS200-R and VPS200-G		—	—
Two shielded test-leads, red and grey:	—		STL120	
Test lead, black:	(*1)		TL75	
Two hook clips, black:	(*1)		HC120	
Three alligator clips:	(*2)		AC120	
Shielded banana to BNC adapter:	—		BB120	
Probe accessory Set, red and gray:	AS200-R/G (*2)		—	
User's Manual:	9 language versions		13 language versions	
Optional accessories and replacements: (*3)				
Safety designed oscilloscope probes				
Differential voltage probe:	DP120		DP120	
Optically isolated trigger probe:	—		ITP120	
10:1 Voltage probe red or grey:	VPS200-R or VPS200-G (*4)		VPS200-R or VPS200-G (*4)	
Probe accessory set red or grey:	AS200-R or AS200-G (*4)		AS200-R or AS200-G (*4)	
Probe replacement set:	RS200		STL120	
Safety designed test leads				
Hard point right angle test lead set:	TL75		TL75	
Test lead set:	TL20		TL20	
Hook clips for use with TL75 and STL120:	HC120		HC120	
Alligator clips for use with TL75 and STL120:	AC120		AC120	
Pin-grabber test clips for banana plug:	AC83		AC83	
Large jaw alligator clips for banana plug:	AC85A		AC85A	
Hook style clips for banana plug:	AC80		AC80	
Alligator clips for banana plug:	AC20		AC20	
Industrial test probes for banana plug:	TP20		TP20	
Electronic test probes for banana plug:	TP80		TP80	
Test probe flat blade for banana plug:	TP1E		TP1E	
Test probe 2mm for banana plug:	TP2E		TP2E	
Test probe 4mm for banana plug:	TP4E		TP4E	
Current probes				
AC/DC current probe 50mA to 100A:	80i-110s (*4)		80i-110s (*4)	
AC current probe 0.1A to 500A:	80i-500s (*4)		80i-500s (*4)	
AC current probe 0.1A to 1000A:	i1000s (*4)		i1000s (*4)	
Flexible AC current probe 1A to 2000A:	i-2000 (*4)		i-2000 (*4)	
AC current probe 1A to 3000A:	i-3000s (*4)		i-3000s (*4)	
AC current probe 1A to 200A:	i-200s (*4)		i-200s (*4)	
Current shunt 4-20mA:	CS20MA		CS20MA	
Temperature Probes				
Universal temperature probe:	80T-150U		80T-150U	
Thermocouple module:	80TK		80TK	
Infrared temperature probe:	80T-IR		80T-IR	
Cables and adapters				
Printer adapter cable:	PAC91		PAC91	
Optically isolated RS-232 adapter/cable:	PM9080/101 (*6)		PM9080/101 (*6)	
Dual banana plug to female BNC adapter:	PM9081/001		PM9081/001	
Dual banana jack to male BNC adapter:	PM9082/001		PM9082/001	
1.5m 50Ω coaxial BNC cable:	PM9091/001		PM9091/001	
Male BNC to female BNC adapter:	PM9093/001		PM9093/001	
Protective cases				
Software cable case package:	SCC190E (*5)		SCC120E (*5)	
Hard carrying case:	C190(*6)		C120 (*6)	
Soft carrying case:	C195		C125	
PC software				
FlukeView™ software for Windows™	SW90W/034EFG		SW90W/0334EFG	



(*1) Probe accessory VPS set includes test leads, hook clips.

(*2) The Fluke 196 and 199 include red and grey probe, accessory set AS200, with 4 heavy duty alligator clips.

(*3) This is a selection of a broader range of optional accessories that support ScopeMeter products.

For information on additional available accessories, contact Transcat.

(*4) Connects to BNC; for connection to Fluke 123 input use BB120.

(*5) Software Cable Case Package includes RS-232 cable, FlukeView™ software and hard carrying case.

(*6) Included in SCC package.

Pomona Oscilloscope and DMM Kits

Deluxe Test Companion™ Kit

- Lightweight Strap-On Case
- Oscilloscope Probe X10, 150 MHz
- Maxigrabber® Test Clip Set with Pincer Tip
- Test Probe Handle Set with .080 Notched Tip
- Maxigrabber® Test Clip Set with Jaws
- Flexible Test Lead Set, Right Angle to Straight Banana Plug
- Giant Heavy-Duty Alligator Clip Set



▲ TL6134K

Ordering Information

Order #	Price
MPTL6134K	

Test Companion™ Test Kit

Includes shoulder pack-style Cordura carrying case plus the following test accessories:

- Modular Electronic Probe Set with Replaceable Tip
- Assorted Replacement Tips
- Flexible Test Lead Set, 90° to Straight Banana Plug
- Medium Alligator Set
- Minigrabber® Test Clip Leads
- Minipincer® Test Clip Leads
- Micrograbber® Test Clip Leads
- Medium Alligator Clip Set
- Slide-on Extended Tip Set
- Slide-on IC Tip Set
- Spade Lug Adapter Set



▲ TL6171

Ordering Information

Order #	Price
MPTL6171	

Test Companion™ Test Kit

Includes shoulder pack-style Cordura carrying case plus the following test accessories:

- Modular Electronic Probe Set with .080" Dia. Tip
- Flexible Test Lead Set, 90° to Straight Banana Plug
- Minigrabber® Test Clip Leads
- Micrograbber® Test Clip Leads
- SMD Grabber® Test Clip Set
- Medium Alligator Clip Set
- Slide-on Extended Tip Set
- Slide-on IC Tip Set
- Spade Lug Adapter Set



▲ TL6182

Ordering Information

Order #	Price
MPTL6182	

Test Companion™ Kit



▲ TL6237

Includes low-profile Cordura strap-on storage case and the following test accessories:

- Oscilloscope Probes X1/X10, 15/100 MHz
- BNC Male with Molded Strain Relief, Each End
- BNC Female to Minigrabber® Test Clip

Ordering Information

Order #	Price
MPTL6237	

Deluxe Test Companion™ Kit



Includes Probe lead set with stainless steel tips, shoulder pack style Cordura carrying case and IEC1010-compliant test accessories listed below:

- Test Probe Handle Set with Banana Plug Tip ▲ TL6173
- Maxigrabber® Test Clip Set with Pincer Tip
- Flexible Test Lead Set, 90° to Banana Plug
- Maxigrabber® Test Clip Set with Hook Tip
- Maxigrabber® Test Clip Set With Jaws
- Medium Alligator Clip Set
- Insulated Spade Lug Set
- Giant Heavy-Duty Alligator Clip Set
- Extra Durable Probe Lead Set

Ordering Information

Order #	Price
MPTL6173	

Pomona Oscilloscope Probes

Designed with a bandwidth to match your oscilloscope

Pomona's oscilloscope probes are designed, rated, and specified to match the bandwidth of your instrument. This gives you a full voltage read-out through the entire rated bandwidth of the probe. Finally, a probe that gives you the full range you're paying for.

Passive Oscilloscope Probes— These general purpose oscilloscope probes feature high performance for greater test flexibility. Complete accessory kit included.



Monolithic Oscilloscope Probe Set Selection Guide and Ordering Information

Order #	Attenuation	System Bandwidth (-3dB) MHz	System Risetime ns	System Input Resistance* MΩ	Capacitance* pF	Compensation Range pF	Readout Actuator	Ground Reference	Price
MPTL5800A	X1	30	11.66	1	57	NA			
MPTL6265	X10	60	5.83	10	10.5	10-60			
MPTL6266	X1/X10	20/60	17.5/5.38	1/10	65/11	NA/10-60		•	
MPTL5795A	X10	100	3.5	10	9.5	10-60			
MPTL4550B	X1/X10	15/100	23.33/3.5	1/10	64/10.5	NA/10-60		•	
MPTL6049A	X10	150	2.33	10	10.5	10-30			
MPTLSP150B	X1/X10	15/150	23.33/2.33	1/10	50/15	NA/10-60		•	
MPTL6101A	X10	150	2.33	10	10.5	10-30	•		
MPTL5803A	X10	200	1.75	10	10	10-60			
MPTL5806A	X1/X10	20/200	17.5/1.75	1/10	77/11.5	NA/10-60		•	
MPTL5827A	X100	200	1.75	10	5.5	15-50			
MPTL6069A	X10	250	1.4	10	10	10-30			
MPTL6102A	X10	250	1.4	10	10	10-30	•		
MPTL5809A	X10	300	1.17	10	17	10-60			
MPTL5812A	X10	300	1.17	10	17	10-60	•		

Accessories

Order #	Mfg #	Description	Price
MPTL6267	TL6267	Replacement Accessory Kit	

Test Companion™ Kit for 54600B and 54603B Series Oscilloscope

- Lightweight Strap-On Case
- Oscilloscope Probes X1/X10, 15/100 MHz (2 Probe Sets)
- BNC Female To Minigrabber® Test Clips
- BNC Male (Cable Assembly) With Molded Strain Relief

Ordering Information

Order #	Price
MPTL6236	



TL6236

Deluxe Test Companion™ Kit for 34401A Bench Meters

- Lightweight Strap-On Case
- Medium Alligator Clip Set
- Minipincer® Test Clip Leads
- Flexible Test Lead Set
- Extended Tip
- IC Test Tip Adapter
- Solid Tip Test Probe with Pop Jack
- Spade Lug with Jack
- Minigrabber® Test Clip Leads

Ordering Information

Order #	Price
MPTL6200	



TL6200

Pomona Oscilloscope Accessories

Within Series Adapters

Impedance: 50 ohms. Rating: 500 VRMS max (except as noted), -65°C (-85°F) to +165°C (+329°F) except as noted.

Ordering Information

Order #	Type	Special Features	Price
MPTL3283	BNC (f/f)		
MPTL3533	BNC (m/m)		
MPTL3285	BNC (f/m/f)		
MPTL3284	BNC (f/f/f)		
MPTL4896	BNC (m/f/f)		
MPTL3534	BNC (f/m)	Right Angle	
MPTL3846	BNC (f/f)	Isolated Ground (a)	

NOTE: (a) Mounting hardware is isolated from outer conductor of BNC.



BNC Male to Multi-Stacking Banana Plug
Overall Length: 7.0". Rating: 500 VAC, +55°C (+131°F) Max
MPTL3957



BNC Male to Minigrabber® Test Clips
Overall Length: 7.0"
Rating: 300 VAC, +55°C (+131°F) Max
MPTL3789

BNC Female to 20 AWG Leads (Not Pictured)
Overall Length: 7.0".
Rating: 500 VRMS, +55°C (+131°F) Max
MPTL4969

BNC Male to 20 AWG Leads (Not Pictured)
Overall Length: 7.0".
Rating: 500 VRMS, +55°C (+131°F) Max
MPTL4970

BNC Male 50 Ohm Cable

Same high quality construction as 2249-C without molded strain relief.
Rating: 500 VRMS Max, +80°C (+176°F) Max Cable
Type: 50Ω, RG58 type .195" O.D.

Ordering Information

Part No.	Length	Price
MPTL5697-6	6"	
MPTL5697-12	12"	
MPTL5697-24	24"	
MPTL5697-36	36"	
MPTL5697-48	48"	
MPTL5697-60	60"	
MPTL5697-72	72"	
MPTL5697-120	120"	
MPTL5697-144	144"	
MPTL5697-180	180"	
MPTL5697-240	240"	



TL5697

BNC Male to SMA Male 50 Ohm Teflon Insulated Cable

Rating: 335 VRMS Max, +165°C (+329°F) Max.
Cable Type: 50Ω, RG316/U, .098" O.D.

Ordering Information

Order #	Length	Price
MPTL4935-BB-24	24"	
MPTL4935-BB-48	48"	
MPTL4935-BB-60	60"	



TL4935-BB



TL3283



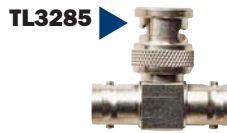
TL3533



TL3534



TL3846



TL3285



TL3284



TL4896

BNC Male To Stackable Binding Posts

Rating: 500 VRMS Max, +50°C (+122°F) Max
MPTL1296

BNC Female to Double Stacking Banana Plug

Rating: 500 VRMS Max., +50°C (+122°F) Max.
MPTL1269

BNC Female to Minigrabber® Test Clips

Overall Length: 7.0". Rating: 45 VAC, +55°C (+131°F) Max
MPTL3788

BNC Male to Multi-Stacking Banana Plug

Model 3073 BNC Female to Multi-Stacking Banana Plug simplifies circuit connections. Features gold plated beryllium copper center contact. Overall Length: 7.0"
Rating: 500 VAC, +55°C (+122°F) Max
MPTL3073

BNC Male 50 Ohm Cable

*Field Serviceable Connector

Clamp nut and silicone gasket seal out moisture. Gold plated center conductor and Teflon® insulation assure premium performance.
Rating: 500 VRMS Max, +80°C (+176°F) Max
Cable Type: 50Ω, RG58C/U.195" O.D.

Ordering Information

Order #	Length	Price
MPTLBNC-C-6	6"	
MPTLBNC-C-12	12"	
MPTLBNC-C-18	18"	
MPTLBNC-C-24	24"	
MPTLBNC-C-36	36"	
MPTLBNC-C-48	48"	
MPTLBNC-C-60	60"	
MPTLBNC-C-72	72"	



TLBNC-C

SMA Male Each End, 50 Ohm Cable

50Ω, RG142B/U, .100" O.D. Double Shield.
Rating: +200°C Max



TL4846

Ordering Information

Order #	Cable Type	Length	Price
MPTL4846-K-24		24"	
MPTL4846-K-48	50Ω, RG174/U, .100" O.D.	48"	
MPTL4846-K-60	Rating: +85°C Max	60"	
MPTL4846-BB-24		24"	
MPTL4846-BB-48	50Ω, RG316/U, .098" O.D.	48"	
MPTL4846-BB-60	Rating: +200°C Max	60"	
MPTL4846-X-24		24"	
MPTL4846-X-48	Double Shield	48"	
MPTL4846-X-60	Rating: +200°C Max	60"	

Pomona Oscilloscope Accessories

BNC 50 Ohm Cable with Insulated Push-On Connectors

Locking feature allows retention with the convenience of a push-on connector.
 Rating: 500 VRMS Max, +50°C (+122°F) Max
 Cable Type: 5Ω, RG58C/U, .195" O.D.



▲ TL6253

Ordering Information

Part No.	Length	Price
MPTL6253-C-12	12"	
MPTL6253-C-24	24"	
MPTL6253-C-36	36"	

C

BNC Male with Molded Strain Relief to Minigrabber® Test Clips

Rating: 45 VAC Max, +50°C (+122°F) Max



▲ TL5187

Ordering Information

Order #	Cable Type	Length	Price
MPTL5187-C-24	RG, 58C/U, .195" O.D.	24"	
MPTL5187-C-36		36"	
MPTL5187-C-48		48"	
MPTL5187-C-60		60"	
MPTL5187-K-24	RG, 174/U, .100" O.D.	24"	
MPTL5187-K-36		36"	
MPTL5187-K-48		48"	
MPTL5187-K-60		60"	

BNC Male Cable with Molded Strain Relief

Model 2249-C is Pomona's most popular cable. The 50 ohm RG58C/U cable makes it ideal for most test and measurement applications.

Model 2249-E uses 75 Ohm cable, making it the right choice for use with telecom, TV, video and LAN signals.

Model 2249-K offers superior flexibility in a 50 Ohm cable.

Model 2249-M is best when high impedance is needed.

Model 4964-SS uses a special low triboelectric cable which has noise attenuating layers. Ideal for precision low current test instruments.

Rating: 500 VRMS Max, +50°C (+122°F) Max
 Cable Type: 50Ω, RG58C/U, .195" O.D.
 Recommended Frequency Range: DC 10 10 kHz



TL2249

Electronic Test Instruments

Specifications and Ordering Information

50Ω Cable RG58C/U	75Ω Cable RG59B/U	Price	50Ω Miniature RG174/U	Price	93Ω RG62A/U	Price	Low Noise	Price	Length
MPTL2249-C-6	MPTL2249-E-6		MPTL2249-K-6		MPTL2249-M-6		MPTL4964-SS-6		6"
MPTL2249-C-12	MPTL2249-E-12		MPTL2249-K-12		MPTL2249-M-12		MPTL4964-SS-12		12"
MPTL2249-C-24	MPTL2249-E-24		MPTL2249-K-24		MPTL2249-M-24		MPTL4964-SS-24		24"
MPTL2249-C-36	MPTL2249-E-36		MPTL2249-K-36		MPTL2249-M-36		MPTL4964-SS-36		36"
MPTL2249-C-48	MPTL2249-E-48		MPTL2249-K-48		MPTL2249-M-48		MPTL4964-SS-48		48"
MPTL2249-C-60	MPTL2249-E-60		MPTL2249-K-60		MPTL2249-M-60		MPTL4964-SS-60		60"
MPTL2249-C-72	MPTL2249-E-72		MPTL2249-K-72		MPTL2249-M-72		MPTL4964-SS-72		72"
MPTL2249-C-120	MPTL2249-E-120		MPTL2249-K-120				MPTL4964-SS-120		120"
MPTL2249-C-144	MPTL2249-E-144		MPTL2249-K-144				MPTL4964-SS-144		144"
MPTL2249-C-240	MPTL2249-E-180		MPTL2249-K-180				MPTL4964-SS-180		180"
	MPTL2249-E-240						MPTL4964-SS-240		240"

Test Lead Holder

TL1508 ▶

Ordering Information

Order #	Color	Max. Cable Dia.	No. of Slots	Price
MPTL1508	Orange	.210"	14	
MPTL4408	Black	.320"	10	
MPTL2708	Blue	.450"	9	



TPI Oscilloscope Probes/Test Leads

25-300 MHz Probe

- Save Up to \$50 Per Probe
- Accommodate All Makes of Scopes
- Durable, Long Lasting
- Cross Reference to Tektronix Modulares
- Accessories Included



25-300 MHz probe ▶

20-200 MHz Probe

- Risetime Less Than 1.5 ns
- Replaceable Ground Lead
- Longer Switch Life
- Longer Cable Life
- No Noise Pickup



20-200 MHz probe ▶

Specifications and Ordering Information 25 MHz-300 MHz Repairable

Order #	Atten	Cable Length	Input Impedance			BW	Max Input V Compensation			Price
			R	C			DC + Peak AC	Range	Readout	
MPM15X10HFB	X10	1.2m	10 MΩ	15 pF	300 MHz	600V	10 to 30 pF	N		
MPM20X10HFB	X10	2m	10 MΩ	15 pF	300 MHz	600V	10 to 30 pF	N		
MPM15X10HFAPB	X10	1.2m	10 MΩ	15 pF	300 MHz	600V	10 to 30 pF	Y		
MPM20X10HFAPB	X10	2m	10 MΩ	16 pF	250 MHz	600V	10 to 30 pF	Y		
MPM12X1B	X1	1.2m	1 MΩ	45 pF	30 MHz	600V	—	—		
MPM20X1B	X1	2m	1 MΩ	70 pF	25 MHz	600V	—	—		
MPM12X10B	X10	1.2m	10 MΩ	15 pF	250 MHz	600V	10 to 60 pF	N		
MPM20X10B	X10	2m	10 MΩ	16 pF	200 MHz	600V	10 to 60 pF	N		
MPM12X10APB	X10	1.2m	10 MΩ	15 pF	250 MHz	600V	10 to 60 pF	Y		
MPM20X10APB	X10	2m	10 MΩ	16 pF	200 MHz	600V	10 to 60 pF	Y		
MPM12SWB	X1 to X10	1.2m	1 to 10 MΩ	55 to 15 pF	20 to 250 MHz	600V	10 to 60 pF	N		
MPM20SWB	X1 to X10	2m	1 to 10 MΩ	70 to 16 pF	15 to 100 MHz	600V	10 to 60 pF	N		
MPM15X100B	X100	1.5m	100 MΩ	6.5 pF	250 MHz	2000V	15 to 50 pF	N		

Specifications and Ordering Information 20 MHz-200 MHz Monolithic

Order #	Atten	Cable Length	Input Impedance		BW	Max Compensation		Price
			R	C		Input V	Range	
MPP100B	X10	1.4m	10 MΩ	9.5 pF	100 MHz	600V	15 to 35 pF	
MPP200B	X10	1.4m	10 MΩ	12 pF	200 MHz	600V	15 to 35 pF	
MPSP100B	X1-X10	1.4m	1 to 10 MΩ	100 to 14 pF	6 to 100 MHz	600V	15 to 35 pF	
MPTP20B	X1	1.2m	1 MΩ	47 pF	20 MHz	600V	—	



▶ HV15HFA

High Voltage Probes Ordering Information

Mfg#	HV40C	HV15HFA
Bandwidth:	DC to 150 Hz	DC to 5 MHz
Maximum Input Voltage (DC + peak AC):	40,000V	15,000V
Input Resistance:	1000 MΩ	500 MΩ
Voltage Division Ratio:	1000:1	1000:1
Cable Length:	2 meters	1.5 meters
Order #	MPHV40C	MPHV15HFA
Price:		

Fluke Differential Oscilloscope Probe

- 20 MHz Bandwidth
- Makes Safe Floating Measurements in Systems up to 600 VRMS
- Selectable 20X or 200X Attenuation
- High Noise Immunity

The DP120 lets you make safe floating measurements with any oscilloscope, either grounded (bench-type) units or ScopeMeter™ test tools (or other hand-held scopes). Designed for use on installations of up to 600 VRMS, CAT III, and 1000 VRMS, CAT II. This probe is perfect for motor control circuits, uninterruptible power supplies, process controllers, and other systems with multiple grounds or those that require floating measurements.

When working with a bench scope, use one DP120 for each channel connected to a different ground potential. When using a battery-operated scope, you need only one DP120 to obtain dual-channel measurement capability on systems with two different ground potentials.

The probe offers selectable 20X or 200X attenuation, is shielded for high noise immunity, and features 4 mm banana tips for easy connection to standard accessories. Operates for about eight hours on a 9V battery.

Each Unit Includes: Differential voltage probe, set of two pin-grabber test clips (AC83), set of two large-jaw alligator clips, 9V battery, and instructions.



▲ DP120

Ordering Information

Order #	Mfg #	Description	Price
MPDP120	DP120	Differential Oscilloscope Probe	
MPPM8907/803	PM8907/803	Optional Line Voltage Adapter	

TPI Differential Oscilloscope Probe

- Needs No Amplifier
- Floating Measurements Enhance Safety
- X20-X200 Switchable
- IEC 1010 CAT III

These probes are for making differential measurements with any oscilloscope for power supply, large motor drives and similar applications.

Each Unit Includes: Red and black pairs of probes, alligator clips, springhook probes, and operating instructions.

Approvals: IEC 1010, Category III.

Ordering Information

Mfg#	ADF25	ADF25B
Max. Differential:	±140 VDC Inc. Pk AC @ 20:1 or 100 VRMS	±350 VDC Inc. Pk AC @ 50:1 or 250 VRMS
Input Voltage:	±1400 VDC Inc. Pk AC @ 200:1 or 1000 VRMS	±3500 VDC Inc. Pk AC @ 500:1 or 2500 VRMS
Common Mode:	±1400 VDC Inc. Pk AC @ or 1000 VRMS	±3500 VDC Inc. Pk AC @ or 2500 VRMS
Maximum:		
Bandwidth:	DC-25 MHz (-3dB)	
Accuracy:	±2%	
Risetime:	14 nS	
Output Voltage:	±7 VDC Including Peak AC	
Power Requirements:	4 AA cells	
Weight (less batteries):	285g (0.62 lbs)	500g (1.1 lbs)
Dimensions L x W x H:	6.6 x 2.4 x 0.8" (168 x 62 x 20 mm)	6.6 x 2.4 x 0.8" (202 x 77 x 36 mm)
IEC 1010 Compliance:	Category III	Category III up to 1000 VRMS Type II secondary circuits (where the primary is Category III)
Order #	MPADF25	MPADF25B
Price		

▲ ADF25



AEMC Oscilloscope Differential Probe

- Differential Voltage for Accurate Measurements of Floating Voltages with any Oscilloscope
- Selectable Attenuation Levels X20, X50, and X200
- DC to 25 MHz bandwidth
- Measure Fast dV/dt Signals for Accurate Switching Wave Forms
- Measure Floating Signals on Power Components
- Ideal for Measurements in Switching Power Supplies and Motor Drives
- Measure Telecommunication and RS-232 Signals
- Ideal for Lab Technicians, Engineers, Field Service and Education Application
- Dual Supply: 9V Battery or External DC Power Supply
- Designed to IEC 1010, UL 3111 and CE Mark

Specifications

Model DP-25			
Attenuation:	X20	X50	X200
Maximum Input Voltage:			
VAC Peak to Peak + DC	±1300V	±350V	±140V
Vms	460 Vms	125 Vms	50 Vms
VDC	±460 VDC	±125 VDC	±50 VDC
Oscilloscope Vertical Setting			
1V/div	200V	50V	20V
0.5V/div	100V	25V	10V
0.2V/div	40V	10V	4V
0.1V/div	20V	5V	2V
50 mV/div	10V	2.5V	1V
20 mV/div	4V	1V	100 mV
10 mV/div	2V	500 mV	200 mV
5 mV/div	1V	250 mV	100 mV
2 mV/div	400 mV	100 mV	40 mV

* Effective V/div equals attenuation factor multiplied by Vertical Setting (e.g. 50 mV/div by x 50 = 2.5 V/div)

DP-25



Each Unit Includes: Pair of red & black probes with spring hooks, BNC to BNC cable, 9V battery, soft carrying case, user manual

Ordering Information

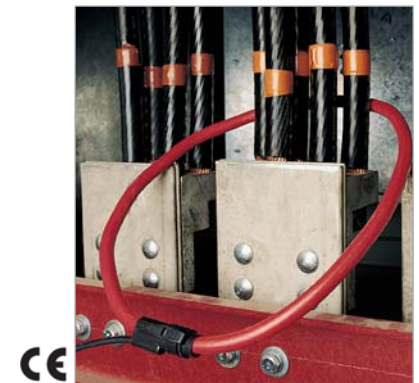
Order #	Mfg #	Description	Price
MP2118.43	2118.43	Differential Probe	
MP2118.44	2118.44	DC Power Supply 3.8N, 6 VDC, 300 mA unregulated, 120 VAC 60 Hz	
MP2118.45	2118.45	Leads, set of 2 replacement leads	

AEMC Flexible Current Probes

- mV AC/AAC Output
- Waterproof Sensor
- TRMS Measurements
- Single and Dual Range Models
- Compatible with Any Meter, Logger, Recorder or Oscilloscope
- Accuracy 1% of Reading
- Current Ranges from 30 to 10,000A
- Frequency Response (10-20,000 Hz)
- Clamps Around Any Shape Up to 10 Inches—Even Bus Bars
- Low Phase Shift for Power Measurements
- Insensitive to DC, Measures Only AC Component on DC + AC Signals
- 1000V IEC 1010 Cat. III, 600V IEC 1010 Cat IV



2112



CE

Ordering Information

Order #	Mfg #	Description	Price
MP22935E-15-24	2112.39	Flexible Current Probe, 1000A/24"	
MP22935E-19-24	2112.46	Flexible Current Probe, 3000A/24"	
MP22935E-41-24	2112.98	Flexible Current Probe, 100/1000A/24"	
MP22935E-45-24	2113.05	Flexible Current Probe, 300/3000A/24"	
MP22935E-45-36	2112.00	Flexible Current Probe, 300/3000A/36"	
MP22935E-51-36	2112.02	Flexible Current Probe, 1000/10000A/36"	
MP22938E	2118.46	Shrouded Banana to Male BNC Adapter	

NOTE: Contact Trancat for other current ranges and lengths, or visit our Web site at www.trancat.com.

Trancat Accredited Calibration with Data	CALL
Trancat Accredited Calibration without Data	CALL



▲ Around Buss Bars

AEMC Oscilloscope Current Probes

- Switch-Selectable Ranges
- Direct BNC Connection to Scope

These scope probes are an easy and accurate way to add current measurement capability to your scope.

Each Unit Includes: 9V alkaline battery and instructions.

Specifications and Ordering Information

Mfg#	1201.51	2113.49	2110.90
	2 Ranges	3 Ranges	3 Ranges
Current Range Peak:	100 mA to 100A AC/DC	1A to 1000A AC	1A to 9000A AC
Frequency Range:		DC to 100 kHz	
Max. Conductor Size:	0.46"	2.05"	2.56"
Accuracy:	±2% to 4% depending on range		
Order #	MP23254E-5	MP23707E-17	MP5306E-9K
Price			

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL



▲ 2110.90

▲ 2113.49



▲ 1201.51

Fluke Oscilloscope Current Probes



▲ i-200s AC Current Clamp



▲ 80i-500s AC Current Clamp



▲ i1000s AC Current Clamp



▲ i-2000 AC Current Clamp



▲ i-3000s AC Current Clamp

Specifications and Ordering Information

Mfg#	i-200s	80i-500s	i1000s	i-2000	i-3000s
Nominal Current Ranges:	0–20A/0–200A	0–500A	0–10/100/1000A	0–2000A	1–30A/1–300A/1–3000A
Highest AC Current:	240A	700A for 10 min	2000A peak	1000 kA	4000A for 5 min
Accuracy (48–65 Hz):	≤3.5% + 0.5A	100–500A: 25% of reading 20–100A: 5% of reading 1–20A: 5% of reading + 0.3A	0.1 - 10A: 3% Rdg ± 10mV 0.1 - 100A: 2% Rdg ± 5mV 0.1 - 1000A: 1% Rdg ± 1mV	±1%	1–30A: 2% of reading + 0.1A 1–300A: 2% of reading + 0.5A 1–3000A: 2% of reading + 2A
Useable Frequency Response:	40 Hz–10 kHz	5 Hz to 10 kHz	5 Hz to 100 kHz	1 Hz–20 kHz	10 Hz to 100 kHz
Working Voltage:	600V	600 VAC	600 VAC	600 VAC	600 VAC
Common Mode Voltage:		600 VAC	600 VAC		600 VAC
Maximum Conductor Diameter:	20 mm (.79")	30 mm (1.3")	54 mm (2.1")		64 mm x 100 mm (7.5" x 3.9")
Output Levels:	10 mV, 100 mV/A	1 mV/A	1 mV/A, 10 mV/A, 100 mV/A	10 mV/A, 1 mV/A	10 mV/A, 1 mV/A 0.1 mV/A
Order #	MPI-200s	MP80i-500s	MPI1000s	MPI-2000	MPI-3000s
Price:					

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL