

CURRENT MEASUREMENT PROBES

Selection for General Purpose & Oscilloscope/BNC Terminated Probes

Learn more on how
to select a proper
Clamp-On Current Probe
for your specific needs



MiniFlex® Series

- Measures from 0.5 to 3000Arms
- Accuracy 1% of Reading \pm from 0.2 to 0.25A
- TRMS measurements when connected to a TRMS instrument
- No core saturation or damage if overloaded
- Low phase shift for power measurements
- Measures only AC
- High frequency models available for oscilloscopes
- Excellent linearity
- CE Mark



DC/AC MicroProbes

- Measures extremely low level DC from 100 μ A
- Outputs signal proportional to total current (DC + AC)
- Low noise
- Ultra-compact size and non-contact clamp-on convenience
- Simple plug-in operation
- Designed for use with digital multimeters and oscilloscopes
- No range or mode (AC/DC) switching required
- CE Mark



MN200 & MN300 Series AC Current Probes

- Small, compact size
- Measurement range of 5mA to 240AAC
- Jaw opening accommodates conductors up to 250kcmil
- Designed for DMMs, loggers, recorders and oscilloscopes
- 40Hz to 10kHz response
- Available with mA or mV output signals
- Available with jack outputs, integral leads with shrouded safety banana plugs or BNC terminated lead
- CE Mark, UL approved



MR400 & MR500 Series AC/DC Current Probes

- Measurement range of 400AAC/600ADC (MR400 Series)
- Measurement range of 1000AAC/1500ADC (MR500 Series)
- Two distinct jaw shapes to be used for hooking or prying around the conductor
- Low phase shift for power measurements
- Designed for DMMs, recorders, oscilloscopes, power and harmonic meters
- CE Mark



SR Series Current Probes

- Measurement range of 100mA to 1200AAC
- Large jaw opening accommodates up to two 500kcmil conductors
- Ergonomic design and easy operation
- Low phase shift for power measurements
- Available with mA or mV output signals
- Designed for DMMs, recorders, loggers, oscilloscopes, power and harmonic meters
- CE Mark, UL approved



Flexible Current Probes

- Models ranging from 30 to 30,000Arms
- Accuracy 1% of reading
- TRMS measurements when connected to a TRMS instrument
- No core saturation or damage if overloaded
- Overrange LED for measurement circuitry
- CE Mark



MD Series AC Current Probes

- 600A range with mA or mV output
- Unique hook-shaped jaws that enable the user to "pry" into or "hook" onto cables
- Maximum conductor size is 2 x 500kcmil
- Works as a traditional current transformer with ratio of 1000:1
- AC/DC outputs available
- CE Mark



JM Series AC Current Probes

- Current range: up to 3000AAC (continuous cycle for the full temperature range)
- Output: 1mA/A voltage or V/A voltage
- Designed for use on DMMs, power and harmonic meters, recorders of instruments with AC current ranges
- CE Mark



MN01 to MN05 Series AC Current Probes

- Small, compact and very tough AC probes
- "Clothes pin" shape makes them ideal for use in tight areas, such as breaker panels, controller panels or outlets
- Measurements from 1mA to 150AAC
- Excellent companions to all DMMs, permits very low AC current measurements
- CE Mark



MN100 Series AC Current Probes

- Small, compact and very tough AC probes
- "Clothes pin" shape makes them ideal for use in tight areas, such as breaker panels, controller panels or outlets
- Measurements from 1mA to 150AAC
- Excellent companions to all DMMs, permits very low AC current measurements



SL Series AC/DC Current Probes

- Low AC and DC measurements
- 50mA to 100A peak
- Unique design for probing in crowded wiring in industrial and automotive environments
- Hall effect sensor technology
- Use with DMMs, voltmeters and other voltage measuring instruments
- CE Mark



Note: Product image size not proportionate. Not all models are CE and UL approved; please consult factory.



Models 400D & 4000D

Provide a welcomed solution when accessing electrical conductors in tight places



Model 400D-60 (60" probe)
Model 400D-120 (120" probe)



Model 4000D-14 (14" probe)



Model 400D-10 (10" probe)



► FEATURES

- Easy access and measurement, even in confined spaces
- Measurement from 20mA_{AC} to 4000A (model dependent)
- Available with 6", 10", 14", 60" and 120" sensor lengths
- Sensor diameter 1.77" to 3.94" (sensor dependent)
- Resolution down to 1mA (model dependent)
- HOLD feature
- Direct reading
- Compact and simple to use
- Flexible current sensor
- True RMS
- Safety rating of 600V CAT IV

► SPECIFICATIONS

MODEL	400D		
ELECTRICAL			
Display Range	4A _{AC}	40A _{AC}	400A _{AC}
Measurement Range	0.020 to 3.999A	4.00 to 39.99A	40.0 to 399.9A
Resolution	1mA	10mA	100mA
Accuracy	±(2% + 10cts)	±(1.5% + 2cts)	±(1.5% + 2cts)
Sensor Diameter	400D-6: Ø 1.77" (45mm) / 400D-10: Ø 2.75" (70mm)		
Sensor Length	400D-6: 6" (170mm) / 400D-10: 10" (250mm) / 400D-60: 60" (1520mm) / 400D-120: 120" (3048mm)		
Bandwidth	10Hz to 3kHz		
MODEL	4000D		
Display Range	40A _{AC}	400A _{AC}	4000A _{AC}
Measurement Range	0.20 to 39.99A	40.0 to 399.9A	400 to 3999A
Resolution	10mA	100mA	1A
Accuracy	±(2% + 10cts)	±(1.5% + 2cts)	±(1.5% + 2cts)
Sensor Diameter	Ø 3.94" (100mm)		
Sensor Length	14" (350mm)		
Bandwidth	10Hz to 3kHz		
MECHANICAL			
Power Supply	2 x 1.5V AAA / LR3 batteries		
Safety	IEC 61010, 600V CAT IV		
Operating Temperature	32° to 122°F (0° to 50°C)		
Weight	Approx. 130g		
Casing Dimensions	3.94 x 2.36 x 0.79" (100 x 60 x 20mm)		
Connection Cable Length	2.6 ft (0.8 m)		

CATALOG NO.	DESCRIPTION
2153.30	Digital FlexProbe® Model 400D-6 w/6' Lead (TRMS, 4A _{AC} , 40A _{AC} , 400A _{AC})
2153.31	Digital FlexProbe® Model 400D-10 w/6' Lead (TRMS, 4A _{AC} , 40A _{AC} , 400A _{AC})
2153.32	Digital FlexProbe® Model 4000D-14 w/6' Lead (TRMS, 40A _{AC} , 400A _{AC} , 4000A _{AC})
2153.33	Digital FlexProbe® Model 400D-60 w/6' Lead (TRMS, 4A _{AC} , 40A _{AC} , 400A _{AC})
2153.34	Digital FlexProbe® Model 400D-120 w/6' Lead (TRMS, 4A _{AC} , 40A _{AC} , 400A _{AC})
Accessories (Optional)	
5000.44	MultiFix Multi-Position Magnetic Accessory (available on website storefront)



CURRENT MEASUREMENT PROBES

General Purpose Probes Selection Chart

General Purpose Probes



The most complete line of current probes offering a variety of output options and terminations for recorders, data loggers, oscilloscopes, DMMs and other instruments

SERIES	MODEL	RATIO	MEASUREMENT RANGE		OUTPUT SIGNAL		PHASE SHIFT**	MAXIMUM CONDUCTOR SIZE		OUTPUT CONNECTION	CATALOG NO.	PRICE***
			AC	DC	CURRENT	VOLTAGE		Ø CABLE	BUS BAR			
	MN01	-	2 to 150A	-	1mAac/Aac	-	N/A	0.39" (12mm)	N/A	Lead	2129.17	
	MN02	1000:1	50mA to 100A 50mA to 90A	-	1mA/A	-	N/A	0.39" (10mm)	N/A	Lead	2129.20	
	MN03	-	2 to 100A	-	-	1mV/A	N/A	0.39" (12mm)	N/A	Lead	2129.18	
	MN05	-	5mAac to 10Aac 1 to 100Aac	-	-	1mVac/mAac 1mVac/Aac	N/A	0.39" (10mm)		Lead	2129.19	
MN103	-	1mA to 10A 1 to 100A	-	-	1mVac/mAac 1mVac/Aac	N/A	0.47" (12mm)	Lead		1031.02		
MN106	1000:1	2 to 150A	-	1mAac/Aac	-	<10°		Lead		1031.17		
MN114	-	1mA to 10A	-	-	100mVac/Aac	<8°		Lead	2110.71			
MN185	1000:1	50mA to 120A	-	1mAac/Aac	-	<3.5°		Jack	100.185			
	MN213	1000:1	0.5 to 240A	-	1mAac/Aac*	-	<2.5°	0.78" (19.8mm)	N/A	Lead	2115.75	
	MN251	-	0.5 to 240A	-	-	1mVac/Aac	<2.5°			Lead	2115.77	
	MN253	-	0.5 to 240A	-	-	10mVac/Aac	<2.5°			Lead	2115.79	
	MN255	-	0.1 to 24A 0.1 to 240A	-	-	100mVac/Aac 10mVac/Aac	<2.5°			Lead	2115.81	
	MN291	-	0.5 to 240A	-	-	100mVdc/Aac	N/A			Lead	2115.84	
	MN307	-	10mA to 12A	-	-	100mV/Aac	<2.5°	0.78" (19.8mm)	N/A	Lead	2116.23	
	MN312	1000:1	0.1 to 200A	-	1mAac/Aac	-	<2.5°			Jack	2116.24	
	MN313	1000:1	0.1 to 200A	-	1mAac/Aac	-	<2.5°			Lead	2116.25	
	MN352	-	0.1 to 150A	-	-	10mV/Aac	<2.5°			Jack	2116.26	
	MN353	-	0.1 to 150A	-	-	10mV/Aac	<2.5°			Lead	2116.27	
	MN373	-	0.01 to 2.4A 0.1 to 200A	-	-	1000mV/Aac 10mV/Aac	<3°			Lead	2116.28	
	MN375	-	0.1 to 10A	-	-	100mV/Aac	<1.5°			Lead	2115.41	
	MN379	-	0.005 to 6A 0.1 to 120A	-	-	200mV/Aac 10mV/Aac	<1.5°			Lead	2153.01	
		SL206	-	10mA to 1.5A 50mA to 60A	10mA to 2A 50mA to 80A	-	1mV/mAac/dc 10mV/Aac/dc			<1°	0.46" (11.8mm)	N/A
	MD301	1000:1	2 to 500A	-	-	1mVdc/Aac	N/A	1.18" (30mm) 2 x 500kcmil	2.48 x 0.20" (63 x 5mm)	Lead	1201.07	
	MD304	100:1	1 to 600A	-	10mAac/Aac	-	<3°			Lead	1201.37	
	MD305	1000:1	1 to 600A	-	1mAac/Aac	-	<1°			Lead	1201.36	

*Diode Protection for open secondary (Output)

**Phase shift indicated at maximum rating

***Consult factory for list and NIST Calibration prices

Note: Models MN103, MN106, MN114 & MN185 are not CE compliant. MN200 & MN300 series probes are UL approved.

CURRENT MEASUREMENT PROBES

General Purpose Probes Selection Chart



General Purpose Probes

The most complete line of current probes offering a variety of output options and terminations for recorders, data loggers, oscilloscopes, DMMs and other instruments

SERIES	MODEL	RATIO	MEASUREMENT RANGE		OUTPUT SIGNAL		PHASE SHIFT**	MAXIMUM CONDUCTOR SIZE		OUTPUT CONNECTION	CATALOG NO.	PRICE***
			AC	DC	CURRENT	VOLTAGE		Ø CABLE	BUS BAR			
	SR600	1000:1	0.1 to 1000A	–	1mAac/Aac	–	<0.5°	2.05" (52mm)	1.96 x 0.19" (50 x 5mm)	Jack	2113.42	
	SR601	1000:1	0.1 to 1000A	–	1mAac/Aac*	–	<0.5°			Jack	2113.43	
	SR604	1000:1	0.1 to 1000A	–	1mAac/Aac*	–	<0.5°			Lead	2113.44	
	SR632	1000:5	0.1 to 1000A	–	5mAac/Aac*	–	<1°			Lead	2114.79	
	SR634	250:5 500:5 1000:5	1 to 250A 1 to 500A 1 to 1000A	–	20mAac/Aac 10mAac/Aac 5mAac/Aac*	–	<1°			Jack	2113.48	
	SR651	–	0.1 to 1000A	–	–	1mVAc/Aac	<0.5°			Jack	2113.45	
	SR701	1000:1	1mA to 1000A	–	1mAac/Aac*	–	<0.5°			Jack	2116.29	
	SR704	1000:1	1mA to 1000A	–	1mAac/Aac*	–	<0.5°			Lead	2116.30	
	SR752	–	100mA to 1000A	–	–	1mVAc/Aac	<0.7°			Lead	2116.32	
	SR759	–	1mA to 1A 10mA to 10A 0.1 to 100A 1 to 1000A	–	–	100mVAc/Aac 100mVAc/Aac 10mVAc/Aac 1mVAc/Aac	<1°			Lead	2116.33	
	JM810A	2000:2	1 to 2000A	–	1mAac/Aac	–	<0.5°	2.52" (64mm)	1.97 x 5.31" (50 x 135mm) 2.52 x 3.94" (64 x 100mm)	Lead	2110.80	
	JM813	3000:3	1 to 2400A	–	1mAac/Aac	–	<0.5°			Jack	2110.93	
	JM830A	3000:1	1 to 2400A	–	.333mAac/Aac	–	<0.5°			Lead	2110.83	
	JM850A	1000:1 2000:1 3000:1	1 to 1000A 1 to 2000A 1 to 2400A	–	1mAac/Aac .5mAac/Aac .333mAac/Aac	–	<0.5°			Jack	2110.87	
	JM865A	1000:5 2000:5 3000:5	1 to 1000A 1 to 2000A 1 to 2400A	–	5mAac/Aac 2.5mAac/Aac 1.67mAac/Aac	–	<0.5°			Jack	2110.88	

*Diode Protection for open secondary (Output)
 **Phase shift indicated at maximum rating
 ***Consult factory for list and NIST Calibration prices
 Note: SR series probes are UL approved.

All current probes are available online on our AEMC storefront.



► OUTPUT TERMINATIONS

Lead with BNC

Insulated 6.5 ft (2m) coaxial cable with insulated BNC connector rated 600Vrms



Jack

Two standard safety banana jacks (4mm)



Leads

Double/reinforced 5 ft (1.5m) lead with 4mm safety banana plug



Shrouded Banana Plugs

Two 4mm safety banana plugs; standard 3/4" (19mm) spacing



High Frequency Oscilloscope Compatible MiniFlex® Probes

A compact AC current measurement device composed of a flexible sensor and an electronic module designed to measure frequency response up to 1MHz



Model MF 300-6-2-10-HF (6" probe)

Model MF 300-10-2-10-HF (10" probe)

SPECIFICATIONS

MODELS	MF 300-6-2-10-HF	MF 300-10-2-10-HF
ELECTRICAL		
Range	30/300A	
Signal Output	100mV/10mV/A	
Frequency Range	5 to 1MHz @ -3db	
Influence of Conductor Positioning	1.5% typical, 3% max	
Influence of Conductor Positioning in Sensor Against Handle	4% typical, 6% max	
External Conductor Influence	35dB to 40dB on contact	
Power Source	9V Alkaline battery (6LF22)	
MECHANICAL		
Sensor Diameter	Ø 0.2" (5mm)	
Sensor Length	6" (152mm)	10" (250mm)
Max Conductor Size	1.77" (45mm)	2.95" (70mm)
Connection Cable Length	6.5 ft (2m)	
Drop Test	Per IEC 68-2-32	
Vibration	Per IEC 68-2-6	
Mechanical Shock	Per IEC 68-2-27	
Weatherproofing	IP 50	
ENVIRONMENTAL		
Operating Temperature Range	14° to 131°F (-10° to +55°C)	
Storage Temperature Range	-40° to 158°F (-40° to +70°C)	
Altitude	Operating: 0 to 2000m, working voltage derating above; Non-operating: 0 to 12,000m	
SAFETY		
Safety Rating	EN 61010, 1000V CAT III; 600V CAT IV	



FEATURES

- Measures from 0.5 to 300Arms
- Accuracy 1% of Reading ± 0.2A
- TRMS measurements when connected to a TRMS instrument
- No core saturation or damage if overloaded
- 9V battery for typical 150 hours continuous operation
- 1MHz frequency response
- Low phase shift for power measurements
- Insensitive to DC, measures only AC component on DC + AC signals
- Excellent linearity
- Lightweight
- Sensor is resistant to oils and aliphatic hydrocarbons
- Perfect accessory for all oscilloscopes

CATALOG NO.

DESCRIPTION

2126.83	MiniFlex® Model MF 300-6-2-10-HF
2126.84	MiniFlex® Model MF 300-10-2-10-HF



MiniFlex® Flexible Current Probes for General Use

A flexible sensor equipped with banana or BNC connector and can be connected directly to any multimeter, wattmeter or logger for effective measurements at the standard frequencies



Model MF 300-6-2-10 (6" probe)



Model MF 3000-10-2-1 (10" probe)



► FEATURES

- Measures from 0.5 to 3000Arms
- Accuracy 1% of Reading ± 0.25A
- TRMS measurements when connected to a TRMS instrument
- No core saturation or damage if overloaded
- Overrange LED for measurement circuitry
- 20kHz frequency response
- Low phase shift for power measurements
- Insensitive to DC, measures only AC component on DC + AC signals
- Excellent linearity
- 9V Alkaline battery, provides typical 150 hours of continuous operation
- EN 61010; 1000V CAT III; 600V CAT IV

► SPECIFICATIONS

MODELS	MF 300-6-2-10	MF 3000-10-2-1
ELECTRICAL		
Range	30/300A	300/3000A
Signal Output	100mV/10mV/A	10mV/1mV/A
Frequency Range	10 to 20kHz with current derating	
Influence of Conductor Positioning	1.5% typical, 3% max	
Influence of Conductor Positioning in Sensor Against Handle	4% typical, 5% max	
External Conductor Influence	35dB to 40dB on contact	
Power Source	9V Alkaline battery (included)	
MECHANICAL		
Sensor Diameter	Ø 0.2" (5mm) – vs 0.5" (12.5mm) for AmpFlex®	
Sensor Length	6" (152mm)	10" (250mm)
Max Conductor Size	1.77" (45mm)	2.95" (74.9mm)
Connection Cable Length	6.5 ft (2m)	
Drop Test	Per IEC 68-2-32	
Vibration	Per IEC 68-2-6	
Mechanical Shock	Per IEC 68-2-27	
ENVIRONMENTAL		
Operating Temperature Range	14° to 131°F (10° to +55°C)	
Storage Temperature Range	-40° to 158°F (-40° to +70°C)	
Altitude	Operating: 0 to 2000m, working voltage derating above; Non-operating: 0 to 12,000m	
SAFETY		
Safety Rating	EN 61010, 1000V CAT III; 600V CAT IV; Pollution Degree II	

CATALOG NO.	DESCRIPTION
2126.81	MiniFlex® Model MF 300-6-2-10
2126.82	MiniFlex® Model MF 3000-10-2-1
Accessories (Optional)	
2119.94	Adapter – BNC (Female) to 4mm Banana (Male)



CURRENT MEASUREMENT PROBES

AC/DC Current Probes & DC/AC MicroProbes

MR400 & MR500 Series

AC/DC current probes designed to extend current measuring capabilities of DMMs, oscilloscopes and other instruments



► SPECIFICATIONS



MODELS	MR411	MR521
Measurement Range AC	0.5 to 40A 0.5 to 400A	0.5 to 100A 0.5 to 1000A
Measurement Range DC	0.5 to 60A 0.5 to 600A	0.5 to 150A 0.5 to 1500A
Output Signal Voltage (mV) <small>(AC in AC, DC in DC)</small>	10mV/A 1mV/A	10mV/A 1mV/A
Maximum Conductor Size Ø Cable	One 1.18" (30mm) Two 0.95" (24mm) Two x 500kcmil	One 1.5" (39mm) Two 0.98" (25mm)
Bus Bar	Two 1.2 x 0.4" (31.5 x 10mm)	Two 1.96 x 0.19" (50 x 5mm)
Output Connection	Lead with safety banana plug	Lead with safety banana plug
Power Source	One 9V Alkaline battery (included)	

► FEATURES

- MR400 Series has a measurement range of 400AAC/600ADC
- MR500 Series has a measurement range of 1000AAC/1500ADC
- Two distinct jaw shapes to be used for hooking or prying around the conductor
- Low phase shift for power measurements
- Designed for DMMs, recorders, oscilloscopes, power and harmonic meters
- EN 61010, 600V CAT III, 300V CAT IV, Pollution Degree 2

Models K100 & K110

Very small and compact, our microprobes are designed for accurate measurements of very low currents with 50µA_{DC} sensitivity



Model K100

► SPECIFICATIONS



MODELS	K100	K110
Current Range	0 to ± 4.5A _{DC} 0 to 3A _{rms}	0 to ± 450mA _{DC} 0 to 300mA _{rms}
Output (Vout)	1mV/mA	10mV/mA
Resolution	DC: 50µA typical, AC: 100µA typical	DC: 50µA typical, AC: 100µA typical
Accuracy	DC: ±1% of Reading ± 200µA, AC: ±2% of Reading, ± 200µA	DC: ±0.5% of Reading ± 150µA, AC: ±0.8% of Reading, ± 200µA
Output Noise	<100µV, DC to 3kHz	<100µV, DC to 3kHz
Frequency Response	DC to 2kHz (@ -3dB sine)	DC to 1.5kHz (@ -3dB sine)
Power Source	One 9V Alkaline battery (included)	
Battery Life	20 hours	

► FEATURES

- Measures extremely low level DC from 100µA
- Outputs signal proportional to total current (DC + AC)
- Low noise
- Ultra-compact size and non-contact clamp-on convenience
- Simple plug-in operation
- Designed for use with digital multimeters and oscilloscopes
- Accurate display of waveforms
- No range or mode (AC/DC) switching required
- Red LED indicates momentary or continuous overload
- Green LED indicates power and battery condition

CATALOG NO.	DESCRIPTION
1200.68	AC/DC Current Probe Model MR411 (10mV/A – 60A max & 1mV/A – 600A max, Lead)
1200.69	AC/DC Current Probe Model MR521 (10mV/A – 150A max & 1mV/A 1500A – max, Lead)
1200.67	DC/AC MicroProbe Model K100 (1mV/mA – 4.5A max)
2111.73	DC/AC MicroProbe Model K110 (10mV/mA – 450mA max)

AmpFlex® Flexible Current Probes

Flexible AC current probe composed of a flexible sensor and an electronic module



► FEATURES

- Models ranging from 0.5 to 30,000Arms
- Accuracy 1% of Reading
- TRMS measurements when connected to a TRMS instrument
- No core saturation or damage if overloaded
- Overrange LED for measurement circuitry
- Waterproof sensor
- 9V Alkaline battery, provides typical 150 hours of continuous operation (battery included)
- Shape memory for custom pre-shaping of sensor before use (no drooping)
- Very high frequency response
- Low phase shift for power measurements of <1.3°, 0.7° typical
- Insensitive to DC, measures only AC component on DC + AC signals
- Excellent linearity
- Lightweight

Model	Measurement Range	Output	Sensor Length inches (mm*)	Max Conductor Size inches (mm*)	Catalog No.	Price**
300-24-2-10	30/300A	100/10mV/A	24 (610)	8 (190)	2112.88	
1000-24-1-1	1000A	1mV/A	24 (610)	8 (190)	2112.39	
1000-24-2-1	100/1000A	10/1mV/A	24 (610)	8 (190)	2112.98	
1000-36-2-1	100/1000A	10/1mV/A	36 (910)	11 (290)	2113.00	
3000-24-2-0.3	300/3000A	3.3/0.3mV/A	24 (610)	8 (190)	2114.87	
3000-24-1-1	3000A	1mV/A	24 (610)	8 (190)	2112.46	
3000-36-1-1	3000A	1mV/A	36 (910)	11 (290)	2112.48	
3000-24-2-1	300/3000A	10/1mV/A	24 (610)	8 (190)	2113.05	
3000-36-2-1	300/3000A	10/1mV/A	36 (910)	11 (290)	2112.00	
3000-48-2-1	300/3000A	10/1mV/A	48 (1220)	15 (390)	2112.01	
6000-36-2-0.1	600/6000A	1/0.1mV/A	36 (910)	11 (290)	2113.21	
30000-24-2-0.1	3000/30,000A	1/0.1mV/A	24 (610)	8 (190)	2113.33	

*Dimensions rounded off

**Consult factory for list and NIST Calibration prices

Consult factory for special offers and ranges/lengths not shown here.

Note: Output is safety shrouded 4mm male banana plug



FlexProbe® Flexible Current Probe Model 24-3001

Low cost AC current measurement probe designed to plug into digital multimeters, oscilloscopes and power recorders



► SPECIFICATIONS

MODEL	24-3001
ELECTRICAL	
Current Range	300/3000AAC
Output Signal	mV output (4000mV peak max)
Three Position Slide Switch	10mV/A 5A to 300Arms 1mV/A 50A to 3000Arms ON/OFF
Power Source	9V Alkaline battery (included)
MECHANICAL	
Maximum Conductor Size	7.6" (193mm)
Sensor Length	24" ± 1" (610mm ± 25.4mm)
Cable Length	6.5 ft (2m)
Output Connection	Double insulated 14" (355mm) lead with safety banana plugs

► FEATURES

- 24" flexible sensor fits around conductors up to 7.6" in diameter
- Dual measurement ranges of 300A and 3000AAC
- Read amperage directly on DMM display
- mV output directly proportional to the AC current measured
- Output is 10mV/A on 300A range and 1mV/A on 3000A range
- Accuracy of 1% of Reading ± 500mA
- 4% influence of conductor position in jaw
- Up to 150 hours of battery life
- Dual banana plug termination for direct input into DMMs
- Flashing LED low battery indicator
- 9V Alkaline battery, provides typical 150 hours of continuous operation (battery included)

► ACCESSORIES



Banana (female)
BNC (male) (XM-BB)

Catalog #2118.46
(optional for AmpFlex® & FlexProbe® Flexible Current Probes)

CATALOG NO.	DESCRIPTION
2120.81	FlexProbe® Model 24-3001 (300/3000AAC, 24", 10mV/A/1mV/A, Lead)
Accessories (Optional)	
2118.46	Adapter – Banana (Female) – BNC (Male) (XM-BB)