## **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 ± 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 100µA
- Outputs signal proportional to total current (DC + AC)
- 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/1500Abc (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

## **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



## 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

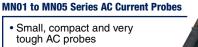






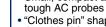






- · "Clothes pin" shape makes them ideal for use in tight areas, such as breaker panels, controller panels or outlets Measurements from
- 1mA to 150Aac · Excellent companions to all DMMs, permits very low AC current measurements
- CE Mark



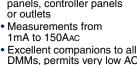


"Clothes pin" shape makes them ideal for use in tight areas, such as breaker panels, controller panels

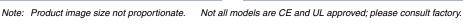
Small, compact and very

- 1mA to 150AAC
- DMMs, permits very low AC current measurements













### Technical Assistance (800) 343-1391





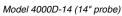




## Models 400D & 4000D

## **Provide a welcomed solution** when accessing electrical conductors in tight places







Model 400D-10 (10" probe)





Model 400D-60 (60" probe)

Model 400D-120 (120" probe)



## **▶ FEATURES**

- · Easy access and measurement, even in confined spaces
- Measurement from 20mAac 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		4000				
MODEL		400D				
ELECTRICAL						
Display Range	4Aac	<b>40A</b> ac	400Aac			
Measurement Range	0.020 to 3.999A	4.00 to 39.99A	40.0 to 399.9A			
Resolution	1mA	10mA	100mA			
Accuracy	$\pm (2\% + 10cts)$	±(1.5% + 2cts)	±(1.5% + 2cts)			
Sensor Diameter	400D-6: Ø 1.7	7" (45mm) / 400D-10: Ø	2.75" (70mm)			
Sensor Length		(170mm) / 400D-10: 10" (1520mm) / 400D-120: 12				
Bandwidth		10Hz to 3kHz				
MODEL	4000D					
Display Range	40Aac 400Aac 4000A					
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						
<b>Power Supply</b>	2	x 1.5V AAA / LR3 batterie	S			
Safety		IEC 61010, 600V CAT IV				
Operating Temperature	32° to 122°F (0° to 50°C)					
Weight	Approx. 130g					
<b>Casing Dimensions</b>	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, 4AAC, 40AAC, 400AC)
2153.31	Digital FlexProbe® Model 400D-10 w/6' Lead (TRMS, 4AAc, 40AAc, 400Aac)
2153.32	Digital FlexProbe® Model 4000D-14 w/6' Lead (TRMS, 40Aac, 400Aac, 4000Aac)
2153.33	Digital FlexProbe® Model 400D-60 w/6' Lead (TRMS, 4AAc, 40AAc, 400AAc)
2153.34	Digital FlexProbe® Model 400D-120 w/6' Lead (TRMS, 4AAc, 40AAc, 400Aac)
Accessories (Ontion	

5000.44 MultiFix Multi-Position Magnetic Accessory (available on website storefront)



## **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	MODEL   RATIO	MEASUREM	ENT RANGE	OUTPUT	UT SIGNAL PHASE		MAXIMUM Conductor Size		OUTPUT	CATALOG	PRICE***								
32III23	0522		AC	DC	CURRENT	VOLTAGE	SHIFT**	Ø CABLE	BUS BAR	CONNECTION	NO.									
	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									
7	MN03	-	2 to 100A	-	ı	1mV/A	N/A	0.39" (12mm)		Lead	2129.18									
	MN05	-	5mAac to 10Aac 1 to 100Aac	-	ı	1mVac/mAac 1mVac/Aac	N/A	0.39" (10mm)		Lead	2129.19									
- ta	MN103	-	1mA to 10A 1 to 100A	ı	ı	1mVac/mAac 1mVac/Aac	N/A		N/A	Lead	1031.02									
	MN106	1000:1	2 to 150A	ı	1mAac/Aac	-	<10°	0.47"	IV/A	Lead	1031.17									
PO	MN114	-	1mA to 10A	-	-	100mVac/Aac	<8°	(12mm)		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°											Lead	2115.75	
	MN251	-	0.5 to 240A	-	_	1mVac/Aac	<2.5°					Lead	2115.77							
	MN253	-	0.5 to 240A	ı	ı	10mVac/Aac	<2.5°	0.78" (19.8mm)		Lead	2115.79									
	MN255	-	0.1 to 24A 0.1 to 240A	ı	ı	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°			Lead	2116.23									
7	MN312	1000:1	0.1 to 200A	-	1mAac/Aac	-	<2.5°			Jack	2116.24									
O	MN313	1000:1	0.1 to 200A	-	1mAac/Aac	-	<2.5°			Lead	2116.25									
	MN352	-	0.1 to 150A	-	-	10mV/Aac	<2.5°	0.78"	N/A	Jack	2116.26									
	MN353	-	0.1 to 150A	-	_	10mV/Aac	<2.5°	(19.8mm)	IN/A	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									
6	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	Lead	1201.45									
Q	MD301	1000:1	2 to 500A	-	-	1mVdc/Aac	N/A			Lead	1201.07									
10	MD304	100:1	1 to 600A	-	10mAac/Aac	-	<3°	1.18" (30mm) 2 x 500kcmil	2.48 x 0.20" (63 x 5mm)	Lead	1201.37									
0	MD305	1000:1	1 to 600A	-	1mAac/Aac	-	<1°	- A GOORGIIII		Lead	1201.36									

<sup>\*</sup>Diode Protection for open secondary (Output)

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



<sup>\*\*</sup>Phase shift indicated at maximum rating

<sup>\*\*\*</sup>Consult factory for list and NIST Calibration prices





## **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** 

SEBIES	SERIES MODEL		MEASUREM	ENT RANGE	OUTPUT	SIGNAL	PHASE		MUM Tor Size	OUTPUT CONNECTION	CATALOG NO.	PRICE***	
OLINEO	INIODEL	RATIO	AC	DC	CURRENT	VOLTAGE	SHIFT**	Ø CABLE	BUS BAR	0011112011011	1101		
	SR600	1000:1	0.1 to 1000A	-	1mAac/Aac	-	<0.5°		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°	2.05" (52mm)	1.96 x 0.19" (50 x 5mm)	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		
0	SR701	1000:1	1mA to 1000A	-	1mAac/Aac*	-	<0.5°			Jack	2116.29		
	SR704 1000	1000:1	1mA to 1000A	-	1mAac/Aac*	-	<0.5°		1.96 x 0.19" (50 x 5mm)	Lead	2116.30		
	SR752	-	100mA to 1000A	-	-	1mVac/Aac	<0.7°	2.05" (52mm)		Lead	2116.32		
	SR759	-	1mA to 1A 10mA to 10A 0.1 to 100A 1 to 1000A	-	-	1000mVac/Aac 100mVac/Aac 10mVac/Aac 1mVac/Aac	<1°			Lead	2116.33		
	JM810A	2000:2	1 to 2000A	-	1mAac/Aac	ı	<0.5°			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°	2.52"	1.97 x 5.31" (50 x 135mm)	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°	(64mm)	2.52 x 3.94" (64 x 100mm)	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	

<sup>\*</sup>Diode Protection for open secondary (Output)

All current probes are available online on our AEMC storefront.



Jack

## **►OUTPUT TERMINATIONS**

Lead with BNC

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



Two standard safety banana jacks (4mm)



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

Leads



Shrouded Banana Plugs

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





<sup>\*\*</sup>Phase shift indicated at maximum rating

<sup>\*\*\*</sup>Consult factory for list and NIST Calibration prices Note: SR series probes are UL approved.



# **CURRENT MEASUREMENT PROBES**









## **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

**►**SPECIFICATIONS





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

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 1MH	z @ -3db				
Influence of Conductor Positioning	1.5% typic	al, 3% max				
Influence of Conductor Positioning in Sensor Against Handle	4% typical, 6% max					
<b>External Conductor Influence</b>	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		king voltage derating above; : 0 to 12,000m				











### **▶ 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

EN 61010, 1000V CAT III; 600V CAT IV



**SAFETY Safety Rating** 





## MiniFlex® Flexible Current Probes for General Use

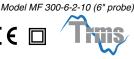
A flexible sensor equipped with banana or BNC connector and can be connected directly to any multimeter, wattmeter or logger for effective measurements at the standard











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% typic	al, 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						
<b>Operating Temperature Range</b>	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; 60	OV 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) (AC in AC, DC in DC)	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			
<b>Power Source</b>	One 9V Alkaline battery (included)				



- 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 50µADC sensitivity

## **► SPECIFICATIONS**





MODELS	K100	K110			
Current Range	0 to ± 4.5Adc 0 to 3Arms	0 to ± 450mApc 0 to 300mArms			
Output (Vout)	1mV/mA	10mV/mA			
Resolution	DC: 50μA typical, AC: 100μA typical	DC: 50μA typical, AC: 100μA typical			
Accuracy	DC: $\pm 1\%$ of Reading $\pm 200\mu\text{A}$ , AC: $\pm 2\%$ of Reading, $\pm 200\mu\text{A}$	DC: $\pm 0.5\%$ of Reading $\pm 150\mu\text{A}$ , AC: $\pm 0.8\%$ of Reading, $\pm 200\mu\text{A}$			
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 h	ours			



### **▶ 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)



Flexible Current Probes

### **▶** 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



**►**SPECIFICATIONS

MODEL

Switch

**ELECTRICAL** 

**Current Range** 

**Output Signal** 

**Power Source** 

**MECHANICAL** 

**Conductor Size** 

Sensor Lenath

Cable Length

**Output Connection** 

Maximum

Three Position Slide

10mV/A

1mV/A

ON/OFF

## **AmpFlex® Flexible Current Probes**

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









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





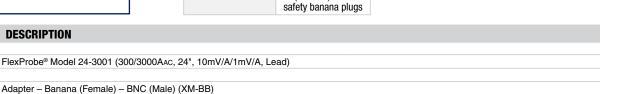




## ► ACCESSORIES

Current Probes)





24-3001

300/3000Aac

mV output

(4000mV peak max)

5A to 300Arms

50A to 3000Arms

9V Alkaline battery

(included)

7.6" (193mm)

24" ± 1"

(610mm ± 25.4mm)

6.5 ft (2m)

Double insulated

14" (355mm) lead with



Accessories (Optional)

CATALOG NO.

2120.81

			<u></u>			
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 0000	1/0.1mV//	24 (610)	9 (100)	2112 22	

**▶ 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)