

Digital FlexProbe® AC Current Probes with Digital Display

Provides easy access and measurements on electrical conductors in confined spaces

- Direct reading of measurements from 20 mA AC to 4000 A (model dependent)
- True RMS and auto-ranging functions
- Hold feature
- Optional Multifix magnetic accessory for convenient hands-free operation



20056-27

SPECIFICATIONS						
Model No.	400D-6 and 400D-10			400D-14		
Measurement range	4 A AC	40 A AC	400 A AC	40 A AC	400 A AC	4000 A AC
Resolution	0.020 to 3.999 A	4.00 to 39.99 A	40.0 to 399.9 A	0.1 to 39.99 A	40.0 to 399.9 A	400 to 3999 A
Accuracy	±(2% + 10 cts)	±(1.5% + 2 cts)	±(1.5% + 2 cts)	±(2% + 10 cts)	±(1.5% + 2 cts)	±(1.5% + 2 cts)
Sensor diameter	400D-6: 1.77" (45 mm) / 400D-10: 2.75" (70 mm)			>3.94" (100 mm)		
Sensor length	400D-6: 6.69" (170 mm) / 400D-10: 9.84" (250 mm)			13.78" (350 mm)		
Bandwidth	10 Hz to 3 kHz					
Meter dimensions (W x H x D)	2½" x 4" x ¾" (60 x 100 x 20 mm)					
Power	Two AAA batteries					

What's included: Flexible current sensor, digital display module, and two AAA batteries.

Catalog No.	Model No.	Description
TS-20056-25	400D-6	Digital FlexProbe TRMS AC current probe with 6" (152 mm) sensor
TS-20056-26	400D-10	Digital FlexProbe TRMS AC current probe with 10" (254 mm) sensor
TS-20056-27	400D-14	Digital FlexProbe TRMS AC current probe with 14" (356 mm) sensor
Accessories		
TS-20056-27	5000.44	Multifix magnetic mounting fixture
TS-20056-28	2118.65	Soft carrying case
TS-09386-00	—	Replacement batteries, AAA. 12/pk.
TS-17100-04	—	NIST-traceable calibration with data

AC/DC Low Current Probes

Compact design with noncontact clamp-on for convenience

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

SPECIFICATIONS		
Model No.	K100	K110
Current range	0 to ±4.5 ADC 0 to 3 Arms	0 to ±450 mADC 0 to 300 mA _{rms}
Output (V _{out})	1 mV/mA	10 mV/mA
Resolution	DC: 50 µA typical, AC: 100 µA typical	DC: 50 µA typical, AC: 100 µA typical
Accuracy	DC: ±1% reading ± 200 µA, AC: ±2% reading ± 200 µA	DC: ±0.5% reading ± 150 µA, AC: ±0.8% reading ± 200 µA
Output signal	<100 µV, DC to 3 kHz	10 mV/mA
Frequency response	DC to 2 kHz (@ -3dB sine)	DC to 1.5 kHz (@ -3dB sine)

What's included: One 9 V battery.

Catalog No.	Model No.	Description
TS-20012-07	K100	DC/AC MicroProbe, 1 mV/mA to 4.5 A max
TS-20012-29	K110	DC/AC MicroProbe, 10 mV/mA to 450 mA max
Accessories		
TS-09386-04	—	Replacement batteries, 9 V. 4/pk
TS-17100-04	—	NIST-traceable calibration with data



20012-07