

# Digital FlexProbe®

Models 400D & 4000D

## TRMS current meters with built-in display that fit anywhere!

- ▶ Easy access and measurement, even in confined spaces where access is difficult
- ▶ Measurement from 20mAac to 4000A (model dependent)
- ▶ Available with 6", 10" or 14" sensor lengths
- ▶ Resolution down to 1mA (model dependent)
- ▶ Auto-ranging
- ▶ HOLD feature
- ▶ Direct reading
- ▶ Compact and simple to use
- ▶ Flexible current sensor
- ▶ True RMS measurement
- ▶ 600V CAT IV safety rating



*Our products are backed by over 125 years of experience in test and measurement equipment, and encompass the latest international standards for quality and safety.*

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# TRMS Digital Ammeters with Flexible Sensor

# Models 400D & 4000D

An ideal addition to the electrician's tool kit, the Digital FlexProbe® can be used for TRMS AC current measurements and are rated at 600V CAT IV. They provide a welcomed solution when accessing electrical conductors is difficult and in tight places.



Three models are available: The Model 400D, available with either a 6" or 10" sensor, has a measurement range starting at 20mA, and is designed for work in residential, commercial and light industrial applications. It can be used to check electrical distribution systems up to 400 Amps.

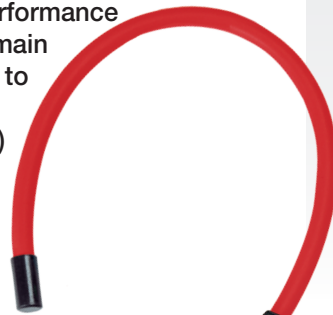
The Model 4000D, available with a 14" sensor, has a measurement range starting at 100mA and can be used on higher-power industrial installations, as well as electrical utilities for measurements up to 4000 Amps.

Although they are high-performance instruments, the Digital FlexProbe® models remain very simple to use: two buttons are all it takes to start the instrument, HOLD the value on the display, store the maximum value (MAX HOLD) or deactivate the auto power-off.

The values are read directly on the built-in 4000-count display.

They are ergonomically designed for comfortable handheld use even when bulky gloves are required.

The optional articulating, magnetic Multifix mounting system accessory makes it simple to hang on a wall, door, table edge or clip onto a belt.



## ▶ FEATURES

- ▶ Easy access and measurement, even in confined spaces where access is difficult
- ▶ Measurement from 20mA<sub>ac</sub> to 4000A (model dependent)
- ▶ Available with 6", 10" or 14" sensor lengths
- ▶ Resolution down to 1mA (model dependent)
- ▶ Auto-ranging
- ▶ HOLD feature
- ▶ Direct reading
- ▶ Compact and simple to use
- ▶ Flexible current sensor
- ▶ True RMS measurement
- ▶ 600V CAT IV safety rating
- ▶ Sensor diameter 1.77" to > 3.94" (sensor dependent)



# SPECIFICATIONS

MODELS	400D			4000D		
<b>ELECTRICAL</b>						
Display Range	4A <sub>AC</sub>	40A <sub>AC</sub>	400A <sub>AC</sub>	40A <sub>AC</sub>	400A <sub>AC</sub>	4000A <sub>AC</sub>
Measurement Range	0.020A to 3.999A	4.00A to 39.99A	40.0A to 399.9A	0.1A to 39.99A	40.0A to 399.9A	400A to 3999A
Resolution	1mA	10mA	100mA	10mA	100mA	1A
Accuracy	±(2% + 10cts)	±(1.5% + 2cts)	±(1.5% + 2cts)	±(2% + 10cts)	±(1.5% + 2cts)	±(1.5% + 2cts)
Sensor Diameter	400D-6 : Ø 1.77" (45mm) / 400D-10 : Ø 2.75" (70mm)			4000D-14 : > Ø 3.94" (> 100mm)		
Sensor Length	400D-6 : 6.69" (170mm) / 400D-10 : 9.84" (250mm)			4000D-14 : 13.78" (350mm)		
Bandwidth	10Hz to 3kHz					
Display	4000 count LCD					
<b>MECHANICAL</b>						
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	2.62 ft (0.8 m)					

# CONSTRUCTION



Built-in magnet on the Multifix accessories provides easy mounting to metal surfaces



or the edge of a table or door.

ORDERING INFORMATION	CATALOG NO.
Digital FlexProbe® Model 400D-6 (TRMS, 4A <sub>AC</sub> , 40A <sub>AC</sub> , 400A <sub>AC</sub> )	Cat. #2153.21
Digital FlexProbe® Model 400D-10 (TRMS, 4A <sub>AC</sub> , 40A <sub>AC</sub> , 400A <sub>AC</sub> )	Cat. #2153.22
Digital FlexProbe® Model 4000D-14 (TRMS, 40A <sub>AC</sub> , 400A <sub>AC</sub> , 4000A <sub>AC</sub> )	Cat. #2153.23
<b>Accessories (optional)</b>	
Soft Carrying Case	Cat. #2118.65
Multifix Multi-Position Magnetic Mounting Accessory	Cat. #5000.44

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