

# Digital FlexProbe®

Models 400D & 4000D

**Stand-alone  
current testers  
that fit anywhere  
with built-in  
display!**

- ▶ Easy access and measurement, even in confined spaces where access is difficult
- ▶ Measurement from 20mAac to 4000A (model dependent)
- ▶ Available with 6", 10" and 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
- ▶ Safety rating of 600V CAT IV



*Our products are backed by over 100 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.

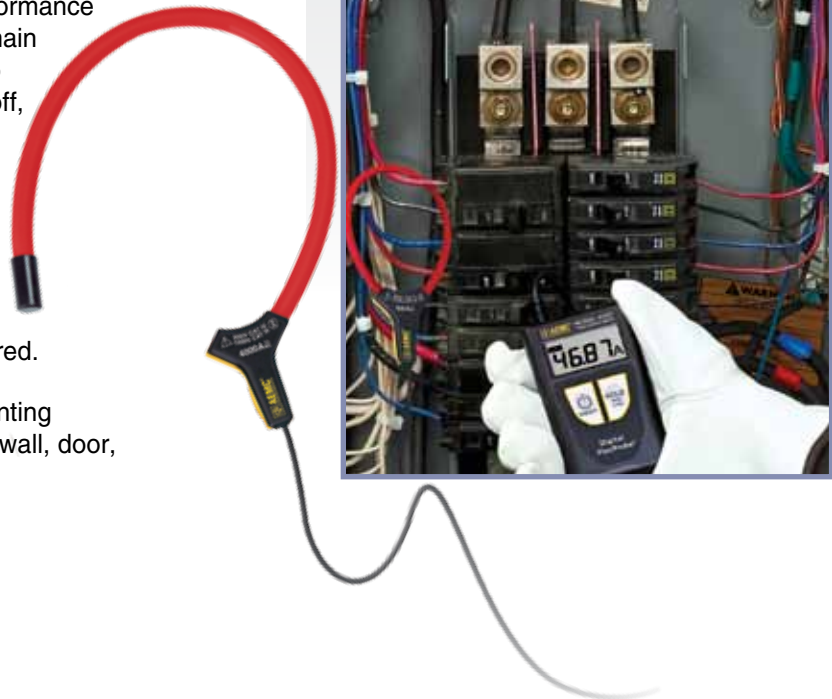
The Model 4000D, available with a 14" sensor, has a measurement range starting at 100mA and can be used on higher-power industrial installations, as well as electrical utilities for measurements up to 4000 Amps.

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, deactivate the auto power-off, HOLD the value on the display or store the maximum value (MAX HOLD).

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

They are ergonomically designed, 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

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- ▶ Safety rating of 600V CAT IV
- ▶ Sensor diameter 1.77" to > 3.94" (sensor dependent)



# SPECIFICATIONS

| MODELS                  | 400D   |                 |                 | 4000D                        |                 |                |
|-------------------------|--|-----------------|-----------------|------------------------------|-----------------|----------------|
| <b>ELECTRICAL</b>       |  |                 |                 |                              |                 |                |
| Display Range           | 4Aac   | 40Aac           | 400Aac          | 40Aac                        | 400Aac          | 4000Aac        |
| 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                                       |                 |                 |                              |                 |                |
| <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



With the Multifix multi-position articulating magnetic mounting accessory, you can position your Digital FlexProbe® anywhere, leaving both hands free.



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



or the edge of a table or door.

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