

Digital FlexProbe®

Models 400D & 4000D

Conquer Tight Spaces, Conquer Big Currents

*Introducing the Current Meter
That Fits Anywhere!*

Tired of contorting yourself in cramped panels and electrical conductors? Our TRMS Digital FlexProbes® with built-in displays let you measure current effortlessly, even where access is difficult.

- **Access & Measure:** From 20 mA to 4000 A (model dependent), conquer tight spaces with 10- or 24-inch sensor lengths and resolution down to 1 mA.
- **Auto-Ranging & HOLD:** No more fiddling! Auto-ranging and HOLD features make readings a breeze.
- **Direct Reading & Compact Design:** See it all clearly on the built-in display, no matter the light. Our compact, simple-to-use design fits your hand and your workflow.
- **Flexible & True RMS:** The flexible current sensor tackles awkward conductors, while True RMS measurement ensures accuracy on distorted waveforms.
- **600 V CAT IV & IP40 Rated:** Work confidently with superior safety and weather resistance.

This isn't just a current meter, it's your superpower for conquering tight spaces and big currents. Experience the difference!

Our products are backed by over 130 years of experience in test and measurement equipment, and encompass the latest international standards for quality and safety.

Technical Hotline: (800) 343-1391
www.aemc.com

 **AEMC**[®]
INSTRUMENTS
CHAUVIN ARNOUX GROUP

TRMS Digital Ammeters with Flexible Sensor

The Digital FlexProbe® series is your secret weapon for tackling any current measurement challenge, from delicate 20 mA circuits to roaring 4000 A monsters. Say goodbye to cramped panels and hello to precision readings, no matter how tight the squeeze.

Two models, endless possibilities

Model 400D: Your go-to hero for residential, commercial, and light industrial jobs. Choose between a flexible 10- or 24-inch sensor and conquer currents from 20 mA to a hefty 400 A.

Model 4000D: When the big leagues call, this champion steps up. Its 14- or 24-inch sensor is capable of measuring current on parallel feeder conductors, and tackles high-powered industrial and utility installations, measuring currents up to a 4000 A.

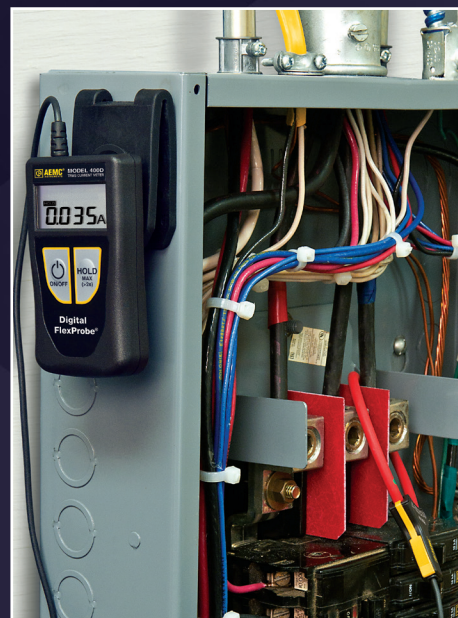
Simple yet built-in brilliance

Don't let the power fool you. The Digital FlexProbe® series is surprisingly user-friendly. Just two buttons control everything: start, power-off, HOLD, and max hold. Plus, the clear 4000-count display keeps your readings front and center.

Ergonomic comfort, even in gloves

We know your hands are your livelihood. That's why the FlexProbe® is designed for comfortable use, even when you're sporting bulky gloves. Plus, the optional MultiFix mounting system lets you hang, clip, or magnetically attach it anywhere you need for hands-free convenience.

Visit our website or your local distributor today to learn more and experience the FlexProbe® difference!



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



Simply hang on the edge of a table or door

MODELS	400D			4000D		
ELECTRICAL						
Display Range	4 AAC	40 AAC	400 AAC	40 AAC	400 AAC	4000 AAC
Measurement Range	(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
Resolution	1 mA	10 mA	100 mA	10 mA	100 mA	1 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-10 : Ø 2.75 in (70 mm) / 400D-24 : Ø 8 in (190 mm)			4000D-14 : Ø 3.94 in (100 mm) / 4000D-24: Ø 8 in (190 mm)		
Sensor Length	400D-10 : 10 in (250 mm) / 400D-24 : 24 in (610 mm)			4000D-14 : 14 in (350 mm) / 4000D-24 : 24 in (610 mm)		
Bandwidth	10 Hz to 3 kHz					
Display	4000-count LCD					
MECHANICAL						
Power Supply	2 x 1.5 V AAA / LR3 batteries					
Safety	IEC 61010, 600 V CAT IV					
Operating Temperature	(32 to 122) °F (0 to 50) °C					
Weight	Approx. 130 g					
Casing Dimensions	(3.94 x 2.36 x 0.79) in (100 x 60 x 20) mm					
Connection Cable Length	6 ft (1.8 m)					

TRMS Digital Ammeters with Flexible Sensor

Conquer Every Current, Conquer Every Challenge. The Digital FlexProbe® Series is Your Key to Electrical Mastery.

Flexible Current Sensor
(maintains its curve)

Sensor
opening
lever

4000-count
LCD display unit

ON / OFF button

HOLD button

FEATURES

- Easy access and measurement, even in confined spaces where access is difficult
- Measurement from **20 mA_{ac} to 4000 A** (*model dependent*)
- Available with **(10, 14 or 24) inch sensor lengths**
- Resolution **down to 1 mA** (*model dependent*)
- **Auto-ranging**
- **HOLD feature**
- **Direct reading**
- Compact and simple to use
- **Flexible current sensor**
- **True RMS measurement**
- **600 V CAT IV** safety rating
- Sensor diameter **(1.77 to > 3.94) inch** (*sensor dependent*)

PRODUCT INCLUDES

Digital FlexProbe®, (2) 1.5 V AAA batteries and user manual

ACCESSORIES

CAT. #5000.44 MultiFix (*universal mounting system*)

CAT. #2118.65 Soft Carrying Case

CAT. #2133.72 Small Classic Tool Bag



With the MultiFix multi-position articulating magnetic mounting accessory, you can position your Digital FlexProbe® anywhere, leaving both hands free.
CAT. #5000.44

CAT. #	DESCRIPTION
2153.31	Digital FlexProbe® (MiniFlex®) Model 400D-10 w/ 6 ft Lead (TRMS, 4 AAC, 40 AAC, 400 AAC)
2153.36	Digital FlexProbe® (MiniFlex®) Model 400D-24 w/ 6 ft Lead (TRMS, 4 AAC, 40 AAC, 400 AAC)
2153.32	Digital FlexProbe® (MiniFlex®) Model 4000D-14 w/ 6 ft Lead (TRMS, 40 AAC, 400 AAC, 4000 AAC)
2153.35	Digital FlexProbe® (MiniFlex®) Model 4000D-24 w/ 6 ft Lead (TRMS, 40 AAC, 400 AAC, 4000 AAC)

United States & Canada

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