

i2500-18 and i2500-10 iFlex™ Flexible Current Probes

Unprecedented measurement flexibility

The new Fluke iFlex™ flexible current probes expand the measurement range of the select Fluke meters to 2500 A ac while providing the ultimate measurement flexibility. The iFlex™ probes connect directly to the meter, displaying current measurements without error prone scaling factors. The 1.8 m (6 ft) cord allows separation between the measurement location and the clamp meter making it easier to view the display. The large loop size and thin cross section allow measurement of awkward sized conductors and improved access in crowded spaces. Available in 25 cm (10 in) and 45 cm (18 in) sizes.



Technical Data

Measurement capability

- 2500 A ac current measurement with select Fluke meters
- Works with frequency, inrush, and min/max functions on select Fluke meters

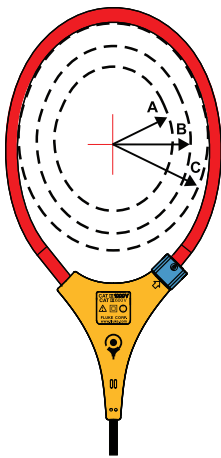
Features

- Expands the measurement range to 2500 A ac while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access
- CAT IV 600 V, CAT III 1000 V safety rating
- 7.5 mm coil diameter allows measurement in tight spaces
- Ergonomic design allows easy operation with one hand
- 1.8 m (6 ft) cable
- Three-year warranty

Specifications

i2500-18 and i2500-10	Range	Resolution	Accuracy
AC current*	2500 A	0.1 A	3 % ± 5 digits**
Frequency*	500 Hz	0.1 Hz	0.5 % ± 5 digits
External magnetic field rejection (with cable >10 cm from the coupling)	40 dB		
Inrush*	•		
Safety rating	CAT III 1000 V, CAT IV 600 V		

*When used with compatible Fluke meter. Accuracy stated includes probe and meter accuracy.
 ** For position accuracy at non-optimum positions, see Position sensitivity specifications table "A".



Position sensitivity

Position sensitivity specifications

Distance from optimum	i2500-10	i2500-18	Additional iFlex™ Error
A	0.5 in (12.7 mm)	1.4 in (35.6 mm)	± 0.5 %
B	0.8 in (20.3 mm)	2.0 in (50.8 mm)	± 1.0 %
C	1.4 in (35.6 mm)	2.5 in (63.5 mm)	± 2.0 %

Measurement uncertainty assumes centralized primary conductor at optimum position, no external electrical or magnetic field, and within operating temperature range.

Ordering information

i2500-10 iFlex™ Flexible Current Probe, 10-inch
i2500-18 iFlex™ Flexible Current Probe, 18-inch

For use with any Fluke product that accepts the iFlex™ connector.



Fluke. Keeping your world up and running.®

Fluke Corporation
 PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.
 PO Box 1186, 5602 BD Eindhoven, The Netherlands

For more information call:
 In the U.S.A. (800) 443-5853 or Fax (425) 446-5116
 In Europe/M-East/Africa +31 (0) 40 2675 200 or Fax +31 (0) 40 2675 222
 In Canada (800)-36-FLUKE or Fax (905) 890-6866
 From other countries +1 (425) 446-5500 or Fax +1 (425) 446-5116
 Web access: <http://www.fluke.com>

©2010 Fluke Corporation.
 Specifications subject to change without notice.
 Printed in U.S.A. 7/2010 3801527A D-EN-N

Modification of this document is not permitted without written permission from Fluke Corporation.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Test Probes](#) category:

Click to view products by [Fluke](#) manufacturer:

Other Similar products are found below :

[6214](#) [6474](#) [815003](#) [923832-BK-B](#) [P-KIT-1](#) [KT-MS001](#) [925250-R](#) [923848-C](#) [973368101](#) [972318101](#) [972318100](#) [MXHQ87WJ3000](#) [PK2-5MM-102](#) [382254](#) [TAS90](#) [VL1735/45](#) [973368100](#) [972327100](#) [972327101](#) [973995100](#) [973995101](#) [CT3982B-120](#) [CT4386](#) [PP023-1](#) [PK1-5MM-125](#) [PK1-5MM-127](#) [PP026-1](#) [P6139B-PK10](#) [PQ215](#) [PQ219](#) [PQ218](#) [GE.3421](#) [GE.3121](#) [GE.1511](#) [GE.1521](#) [GE.2511](#) [HVP15B](#) [TT-SI7002](#) [4005](#) [4011](#) [4013](#) [4014](#) [4015](#) [4016](#) [4018](#) [P TK-100](#) [P TK-250/100](#) [UTH05](#) [402-IEC-RT](#) [402-IEC-SW](#)