

FLUKE i400E digital clamp meter multimeter, AC current clamp, with dual banana jacks 1A~400A AC current range 5Hz~20kHz

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### **Main features**

[Compact Structure] Specially designed to enhance functionality in a very compact format.

[Wide Range] Effective measurement range: 1A to 400A AC current.

[Accurate Result] The AC frequency range is up to 20kHz, the accuracy of which is up to 2.0% ±5digits (45~65Hz) / 2.5%±5digits (65~400Hz).

[Convenient Reading] 1mV/A output for convenient value reading

[High Compatibility] Compatible with most FLUKE mV AC measurement tools and multimeters such as F101, F15B+, F17B+, F18B+, 110, 12E+, 106, 107. (SKU: E7960, E7961, E7962, E7963,

E15212, E15213, E15216, E15217)

[Wide Applications] The Fluke i400E AC current clamp meter is an ideal tool for extended current measurement. Applicable to power circuit measurement, malfunction analysis, motor drive of frequency converter (or other electronics) measurement, power electronics equipment measurement, etc.

### Product overview: Fluke i400E AC current clamp

The Fluke i400E AC current clamp is an ideal tool for extended current measurement. It is specially designed to work with the new Fluke 101, 106 and 107 handheld digital multimeters and most Fluke multimeters or support 19.05 mm sheathed banana plugs and have mV AC measurement capabilities Used in conjunction with other voltage measurement tools.

## Specifications: Fluke i400E AC current clamp

Electrical technical indicators	
AC current range	1 A to 400 A
Output signal 1	mV/A AC
Accuracy	2.0% ± 5 counts (45 Hz to 65 Hz) 2.5% ± 5 counts (65 Hz to 400 Hz)
Typical bandwidth	5 Hz to 20 kHz
Working voltage	600 V ac rms, in line with IEC 61010-1 and IEC 61010-2-030
Load impedance	1 A to 400 A
Maximum non-destructive current	600 A
Inside diameter of jaw	30 mm
Maximum cable size	600 MCM
Standard plug	19.04 mm dual banana plug

Safety index	
Rated grade	IEC 61010-1 and IEC 61010-2-030/IEC 61010-2-031 and IEC 61010-2-032: 600 V CAT II pollution degree 2
Electromagnetic environment	IEC 61326-1: Portable

General technical indicators	
Output cable length	1 m
Operating temperature	-10 °C to +50 °C
Storage temperature	-30 to +60 °C
Relative humidity	≤90% @10 °C to 530 °C; ≤75% @ 30 °C to 540 °C; ≤45% @ 40 °C to 50 °C
IP rating	IEC 60529: IP30, when the jaws are closed
Temperature Coefficient	When the temperature is higher than 28 °C or lower than 18 °C, for each degree increase or decrease, 0.1 x the specified accuracy is increased.
Working altitude	2,000 meters
Storage altitude	12,000 meters
Vibration requirements	MIL-PRF-28800F, Class 2
Drop test requirements	-10 °C, 1m, 6 sides, oak

Jaw impact test requirements	Comply with EN/IEC 61010-2-032:2012
EMI 、 RFI 、 EMC	IEC / EN 61326-1
Dimensions (length x width x height)	146 mm x 62 mm x 34 mm
weight	150 g

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## HIGH COMPATIBILITY

Compatible with most fluke  
mA AC measurement  
tools and multimeters such as  
FLUKE 12E+,FLUKE 15B+,  
FLUKE 17B+,FLUKE 18B+,  
FLUKE 101,FLUKE 106,  
FLUKE 107,FLUKE 110



The multimeters are not included.



FLUKE 12E+



FLUKE 15B+



FLUKE 17B+



FLUKE 18B+



FLUKE 101



FLUKE 106



FLUKE 107



FLUKE 110

**FLUKE®**

## **Fluke i400E AC Current Clamp (Digital Multimeter Accessory)**

**Expand the use of your  
digital multimeter.**

The Fluke i400E AC Current Clamp is an ideal tool to extend current measurement. It is designed to work with the new Fluke 101, 106 and 107 palm sized digital multimeters, as well as most Fluke multimeters or other voltage measurement tools that accepts 19.05 mm shrouded banana plugs and has mV ac measurement functionality.







# COMPACT SIZE

Specially designed to enhance functionality in a very compact format.





## WIDE RANGE

Effective measurement range:  
1A to 400A AC current.



## WIDE RANGE

Effective measurement range:  
1A to 400A AC current.

Links