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**Data Sheet**

August 14, 2026

FLUKE

## Fluke i400s AC Current Clamp for Oscilloscopes

Fluke i400s AC Current Clamp for Oscilloscopes The Fluke i400s is an AC current clamp adapter intended for oscilloscope current measurements. OEM Fluke accessory literature lists a 1 A to 400 A AC current range with BNC output suitable for scopes and meters accepting clamp adapters. Oscilloscope current probing on AC mains and branch circuits, power electronics debug, and non-intrusive AC current waveform capture. Instrument Type: AC current clamp for oscilloscopes The Fluke i400s is an AC current clamp adapter intended for oscilloscope current measurements. OEM Fluke accessory literature lists a 1 A to 400 A AC current range with BNC output suitable for scopes and meters accepting clamp adapters. Oscilloscope current probing on AC mains and branch circuits, power electronics debug, and non-intrusive AC current waveform capture. Instrument Type: AC current clamp for oscilloscopes Primary Use: Oscilloscope current input adapter



MODEL

**Fluke i400s**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**i400s**

LISTING

<https://aumictechlabs.com/products/i400s-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The Fluke i400s AC current clamp is a valuable tool for electricians and technicians needing to measure AC current safely and accurately. With a measurement range up to 400 A, it can handle a variety of applications, from checking the current draw of small appliances to larger industrial equipment. Its compatibility with most Fluke multimeters and other current measurement tools

makes it a versatile addition to any toolkit. The clamp's safety features and solid design ensure reliable performance in demanding environments.

# I400S Characteristics / Specifications

| PARAMETER                    | VALUE                                  |
|------------------------------|----------------------------------------|
| Model                        | i400s                                  |
| Instrument Type              | AC current clamp for oscilloscopes     |
| Current Range AC             | 1 A to 400 A                           |
| Output Connector             | BNC                                    |
| Measurement Type             | AC current                             |
| Primary Use                  | Oscilloscope current input adapter     |
| Series Family                | Fluke i400 current clamps              |
| Sibling Clamp i4             | AC current clamp for multimeters class |
| Maximum Conductor Size Class | Per Fluke i400 family jaw rating       |
| Safety Category Class        | Per clamp markings and manual          |
| Bandwidth Class              | Clamp/scope system limited             |
| Output Scaling Class         | mV perAper product marking             |
| Operating Temperature Class  | Per Fluke accessory manual             |
| Cable Length Class           | Integral lead to BNC                   |
| Bandwidth                    | Class: Clamp/scope system limited      |
| Operating temperature        | Class: Per Fluke accessory manual      |

# I400S Specifications

| PARAMETER                                      | VALUE                       |
|------------------------------------------------|-----------------------------|
| Fluke i400s AC Current Clamp for Oscilloscopes | Overview                    |
| BNC output interface                           | 400 A AC range class        |
| Jaw opening for cable clamping                 | Fluke i400 family accessory |
| Technical Specifications                       | Model: i400s                |

# General Specifications & Supplementary Characteristics

| PARAMETER                   | VALUE                                                                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature       | Class: Per Fluke accessory manual                                                                                                                                                                                                                                                  |
| Operating Temperature       | Class: Per Fluke accessory manual                                                                                                                                                                                                                                                  |
| Operating Temperature Class | Per Fluke accessory manual                                                                                                                                                                                                                                                         |
| Cable Length Class          | Integral lead to BNC Notes From Fluke i400/i400s accessory product descriptions. Exact mV/A scaling, accuracy percent, and CAT rating are on the clamp label and Fluke instruction sheet for the specific revision—confirm on the unit rather than inventing unlisted percentages. |

# Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

| Specifications                                                                                                                                                                                                                                          |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Specifications                                                                                                                                                                                                                                          |                                        |
| PARAMETER                                                                                                                                                                                                                                               | VALUE                                  |
| Model                                                                                                                                                                                                                                                   | i400s                                  |
| Instrument Type                                                                                                                                                                                                                                         | AC current clamp for oscilloscopes     |
| Current Range AC                                                                                                                                                                                                                                        | 1 A to 400 A                           |
| Output Connector                                                                                                                                                                                                                                        | BNC                                    |
| Measurement Type                                                                                                                                                                                                                                        | AC current                             |
| Primary Use                                                                                                                                                                                                                                             | Oscilloscope current input adapter     |
| Series Family                                                                                                                                                                                                                                           | Fluke i400 current clamps              |
| Sibling Clamp i400                                                                                                                                                                                                                                      | AC current clamp for multimeters class |
| Maximum Conductor Size Class                                                                                                                                                                                                                            | Per Fluke i400 family jaw rating       |
| Safety Category Class                                                                                                                                                                                                                                   | Per clamp markings and manual          |
| Bandwidth Class                                                                                                                                                                                                                                         | Clamp/scope system limited             |
| Output Scaling Class                                                                                                                                                                                                                                    | mV perAper product marking             |
| Operating Temperature Class                                                                                                                                                                                                                             | Per Fluke accessory manual             |
| Cable Length Class                                                                                                                                                                                                                                      | Integral lead to BNC                   |
| Notes                                                                                                                                                                                                                                                   |                                        |
| From Fluke i400/i400s accessory product descriptions. Exact mV/A scaling, accuracy percent, and CAT rating are on the clamp label and Fluke instruction sheet for the specific revision-confirm on the unit rather than inventing unlisted percentages. |                                        |

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.