

Fluke 771, 772 and 773 mA Process Clamp Meters

mA measurements without breaking the loop. Save time. Save money.



Use the Fluke 771, 772 and 773 to:

- Measure 4-20 mA signals without "breaking the Loop," save time and money troubleshooting 4-20 mA signals.

Use the Fluke 772 and 773 to:

- Source 4-20 mA signals for testing control system I/O or I/Ps.
- Simulate 4-20 mA signals for testing control system I/O.
- Measure 4-20 mA signals with in-circuit measurement.
- Power a transmitter with the 24 V loop power supply.
- Automatically ramp and step change the 4-20 mA output for remote testing.

Use the Fluke 773 to:

- DC voltage measurement to verify 24 V power supplies or voltage I/O signals.
- Source dc voltage to test voltage input devices.
- Scaled mA output signal enables a logging DMM (289) to record 4-20 mA signal without breaking the loop.
- mA in/out: simultaneously source a mA signal while measuring a mA signal with the clamp.

Functions - 771, 772 and 773

	mA measure w/jaw	mA measure in circuit	mA source	mA sim	Loop power 24 V	DCV source 0-10 V	DCV measure 0-30 V	Scaled mA output to mA input	mA in/out
771	•								
772	•	•	•	•	•				
773	•	•	•	•	•	•	•	•	•

Specifications - 771, 772 and 773

	Function	Resolution and range	Accuracy	Notes
771, 772, 773	mA measurement	0 to 20.99 mA 21.0 mA to 100.0 mA	0.2 % + 5 counts 1 % + 5 counts	Measured by clamp
772 and 773	mA measurement	0 to 24.00 mA	0.2 % + 2 counts	Measured in series with test jacks
772 and 773	mA source	0 to 24.00 mA	0.2 % + 2 counts	Maximum mA drive: 24 mA into 1,000 ohms
772 and 773	mA simulate	0 to 24.00 mA	0.2 % + 2 counts	Maximum voltage 50 V dc
773	Voltage source	0 to 10.00 V dc	0.2 % + 2 counts	2 mA maximum drive current
773	Voltage measure	0 to 30.00 V dc	0.2 % + 2 counts	

General specifications

Battery: 772 and 773 (4), 771 (2) 1.5 V, Alkaline, IEC LR6, 771
 Working hours 772 and 773: 12 hours @ 12 mA source into 500 ohms, 771 (20) hours typical
 Size (HxWxL): 772, 773: 41.3 mm x 76 mm x 248 mm (1.625 in x 3 in x 9.75 in), 771: 59 mm x 38 mm x 212 mm (2.32 in x 1.5 in x 8.35 in)
 Weight: 772, 773: 415 g (14 oz), 771: 260 g (9.1 oz)
 Operating temperature: -10 °C to 50 °C
 IP rating: IP 40
 Warranty: Three-year, one-year on mA clamp assembly and cable

Authorised Distributor:



46, Jalan SS 22/21, Damansara Jaya,
 47400 Petaling Jaya, Selangor Darul Ehsan, Malaysia.

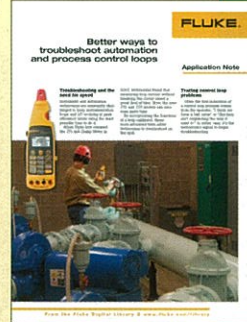
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Included accessories

All include soft carrying case and users manual, 772 and 773 include test leads, alligator clips and hanging strap.

Ordering information

Fluke-771 Milliamp Process Clamp Meter
 Fluke-772 Milliamp Process Clamp Meter
 Fluke-773 Milliamp Process Clamp Meter