

Fluke 73-III and 77-III Digital Multimeters

Classic general purpose multimeters



Fluke 77-III

Fluke 77-III

The 77-III has all the features and functions for a wide range of industrial applications packaged in an ergonomic case with integrated holster.

The 77-III features include:

- Measure voltage to 1000 V
- Measures both amps and milliamps
- Average responding
- Manual or autoranging
- Compatible with the Fluke Magnetic Hanger (TPAK)

Fluke 73-III

The Fluke 73-III product represents one of the best selling multimeter designs of all time. It's classic simplicity combined with attractive feature set make this meter the perfect choice for electronic and automotive applications.

The 73-III features include:

- Average responding
- Measures both amps and milliamps
- Removable high impact holster
- Manual or autoranging



ABC's of DMM's:

Application note

(Literature code 1260898)

Multimeters. They've been described as the tape measure of the new millennium. But what exactly is a digital multimeter (DMM) and what can you do with it?

How do you make measurements safely? What features do you need? What is the easiest way to get the most out of your meter? Which meter is best suited to the environment you're working in? These and other questions are answered in this application note.

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Features - 73-III and 77-III DMMs

Feature	73-III	77-III
Features a default Autorange mode that's easy to change to manual by simply touching the RANGE button.	•	•
Extremely rugged overmolded case provides body armor for your meter. (* the model 73 features a rugged durable removable holster with Flex-Stand™.)	*	•
New ergonomic styling fits in your hand perfectly.		•
Large, high contrast, easy-to-read digital display with an analog bar graph.	•	•
Automatic Touch-Hold* automatically triggers the meter to capture stable non-zero readings freeing you to focus on the test probes.	•	•
Meets IEC 1010 safety standards for 600 V CAT III and 1000 V CAT II applications. Protected from overvoltage transients to 6kV per IEC 1010-1.		•
Meets IEC 1010 safety standards for 600 V CAT II. Protected from overvoltage transients to 4 kV per IEC 1010-1.	•	

Specifications - 73-III and 77-III

Function	Maximum	Basic accuracy	Maximum resolution
V dc	Fluke 73: 600 V Fluke 77: 1000 V	0.3 %	0.1 mV
V ac	Fluke 73: 600 V Fluke 77: 1000 V	Fluke 73, 77: 2 %	Fluke 73, 77: 1 mV
DC and AC current	10 A continuous		Fluke 73, 77: 0.01 mA
Resistance	Fluke 73, 77: 32 MΩ	Fluke 73, 77: 0.5 %	Fluke 73, 77: 0.1Ω



Fluke 73-III

Recommended accessories - 70 Series DMMs



i400
AC Current Clamp



C25
Meter Case



80TK
Thermocouple Module



PV350
Pressure Vacuum Module



TL220
Industrial Test Lead Set

Included accessories

Every Fluke 77-III and 73-III meter comes packaged with TL75 test leads, separate holster (Fluke 73-III), 9 V battery (installed) and manual.

Ordering information

Fluke-73-3 Digital Multimeter
Fluke-77-3 Digital Multimeter