

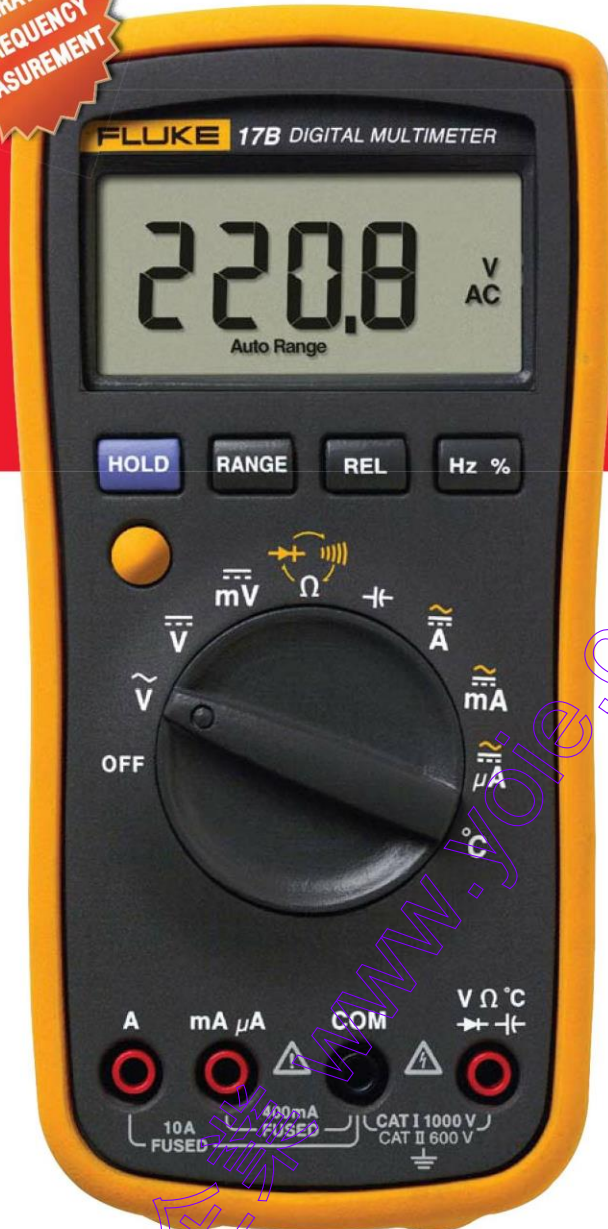
FLUKE®

Fluke 15B 17B 18B

Digital Multimeters

Technical Data

TEMPERATURE
& FREQUENCY
MEASUREMENT



Digital Multimeters Now Within Your Reach

Fluke 15B, 17B and 18B Multimeters are engineered for multiple electrical and electronic test applications including Temperature Measurement and LED VF Test. Designed to Fluke's high standards of ruggedness, reliability and accuracy, these DMMs are available at affordable prices for Indian Professionals.

Features include:

- V ac, V dc, resistance, capacitance, continuity beeper, diode test, A ac, A dc and durable holster.
- A rugged and safe design - all inputs, ranges and functions are protected to 1000 V.
- Frequency up to 100 kHz, temperature and relative mode in the Fluke 17B.
- Led Testing through direct jack insert (18B)
- Safety Rated as per IEC/EN 61010-1 2nd Edition

General Specifications

Accuracy is specified for 1 year after calibration, at operating temperatures of 18 °C to 28 °C, with relative humidity at 0 % to 90%.

	Fluke 15B	Fluke 17B	Fluke 18B (Coming soon)
Temperature Measurement		*	
Frequency & Duty Cycle Measurement		*	
Relative Mode		*	
LED Test Socket & Test Leads			*
Basic DC accuracy	0.5%		
Display	Digital 4000 Counts, updates 3/sec		
Automatic & Manual Range	Yes		
Display Hold Function	Yes		
Diode Test with Beeper	Yes		
Safety Compliance	CAT I 1000V, CAT II 600V/1000V(18B), CAT III 300V/600V(18B)		
Automatic shutdown	Yes		
Warranty	12 months		
Battery life	500 hours		



LISTED



Accuracy Specifications

The accuracy specifications take the form of: \pm ([% of reading] + [counts])

		Fluke 15B	Fluke 17B	Fluke 18B (Coming soon)
V ac	Range	0.1 mV to 1000 V	0.1 mV to 1000 V	0.1 mV to 1000 V
	Best Accuracy	\pm (1.0 % + 3 counts)	\pm (1.0 % + 3 counts)	\pm (1.0 % + 3 counts)
	AC Response	40 Hz to 500 Hz	40 Hz to 500 Hz	40 Hz to 500 Hz
V dc	Range	0.1 mV to 1000 V	0.1 mV to 1000 V	0.1 mV to 1000 V
	Best Accuracy	\pm (0.5 % + 3 counts)	\pm (0.5 % + 3 counts)	\pm (0.5 % + 3 counts)
Ohms	Range	0.1 Ω to 40 M Ω	0.1 Ω to 40 M Ω	0.1 Ω to 40 M Ω
	Best Accuracy	\pm (0.5% + 2 counts)	\pm (0.5% + 2 counts)	\pm (0.5% + 2 counts)
A ac	Range	0.1uA to 10A	0.1uA to 10A	0.1uA to 10A
	Accuracy	\pm (1.5 % + 3 counts)	\pm (1.5 % + 3 counts)	\pm (1.5 % + 3 counts)
	AC Response	40 Hz to 200 Hz	40 Hz to 200 Hz	40 Hz to 200 Hz
A dc	Range	0.1uA to 10A	0.1uA to 10A	0.1uA to 10A
	Accuracy	\pm (1.0 % + 3 counts)	\pm (1.0 % + 3 counts)	\pm (1.0 % + 3 counts)
Capacitance	Range	0.01 nF to 100 μ F	0.01 nF to 100 μ F	0.01 nF to 100 μ F
	Accuracy	\pm (2.0 % + 5 counts)	\pm (2.0 % + 5 counts)	\pm (2.0 % + 5 counts)
Frequency	Range	NA	0.01Hz to 100KHz	NA
	Accuracy	NA	\pm (0.1 % + 3 counts)	NA
Duty Cycle	Range	NA	0.1% to 99.9%	NA
Temperature measurement	Range	NA	-55 °C to 400 °C	NA
	Accuracy	NA	\pm (2.0 % + 1 °C)	NA
LED VF Test (LED Test Socket)	Lighting Range	NA	NA	0.00 to 6.00 V
LED VF Test (Test Leads)	Lighting Range	NA	NA	0.00 to 6.00 V
	Measurement Range	NA	NA	2.00 to 6.00 V
	Resolution	NA	NA	0.01V
	Accuracy	NA	NA	10%

Ordering Information

Fluke 15B Digital Multimeter
Fluke 17B Digital Multimeter with Temperature & Frequency
Included
 Test lead TL75, Temperature Probe (17B), Holster, Localized User Manual and 2xAA Battery (installed).
Optional accessories
 MH10 Meter Hanging Kit



Fluke. Keeping your world up and running.™

Fluke Corporation
 PO Box 9090, Everett, WA USA 98206

Fluke South East Asia Pte Ltd
 60, Alexandra Terrace, #03-16, The Comtech (Lobby D), Singapore 118502 Tel: (65) 6799-5566 Fax: (65) 6799-5577

Fluke South East Asia Pte Ltd
 C/o DHR Holding India Pvt Ltd, 77 (7th floor) "3rd North Avenue", Maker Maxity, Bandra Kurla Complex, Bandra(E), Mumbai-400051 Tel: (91) 022-61382022 Fax: (91) 022-26590399 Web access: <http://sg.fluke.com/india>

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