

Fluke 28-II

Product Description

- Measure up to 1000 V AC and DC
- Measure up to 10 A (20 A for 30 seconds)
- 10,000 μ F capacitance range
- Frequency to 200 kHz
- Extended AC voltage bandwidth– 15 Hz to 20 kHz
- Built in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument
- Resistance, continuity and diode test
- Min/Max and average recording to capture variations automatically
- Peak min-max
- Unique function for accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment
- New – IP 67 waterproof & dustproof protection, completely sealed for use in harsh environments
- Designed to withstand 3 meter drop (with holster)
- Hi resolution 20,000 count display mode
- True-rms ac voltage and current for accurate measurements on non linear signals
- New – Backlit keypad buttons allow for easy visibility in lowlit areas
- Large display digits and 2 level bright white backlight for increased visibility
- Reversible holster for added protection when not in use
- Withstands hazardous 8,000 volt spikes caused by load switching and faults on industrial circuits and complies with second edition IEC and ANSI electrical safety standards
- Long battery life (800 hours)
- Relative mode to remove test lead resistance from low ohms measurements
- Auto and manual ranging for maximum flexibility
- Optional magnetic hanger for easy setup and viewing while freeing your hands for other tasks
- MSHA approval

Accuracy Specifications		
DC voltage	Range	0.1 mV to 1000 V
	Accuracy	0.05% + 1
AC voltage	Range	0.1 mV to 1000 V
	Accuracy	0.7% + 4

DC current	Range	0.1 μA to 10 A
	Accuracy	0.2% + 4
AC current	Range	0.1 μA to 10 A
	Accuracy	1.0% + 2
Resistance	Range	0.1 Ω to 50 MΩ
Display counts	6000	
Capacitance	1 nF to 9999 μF	
Frequency	0.5 Hz to 199.99 kHz	
Temperature	-200 °C to +1090 °C	
Low pass filter (Measurement on VSD's)	Yes	
Compliance	CAT IV 600 V , CAT III 1000 V	
IP rating	IP 67	
Power	Three AA batteries	
Battery life	800 hours	
General Specifications		
Display	Bar graph/backlight	Yes/Yes
Data storage	Peak transient capture	250 μS
	Min/Max/Avg	Yes
	Reading hold	Yes
Other features	Relative readings (zero)	Yes
	Battery type	Three AA batteries
Warranty and protection	Safety rating	CAT IV 600 V/CAT III 1000 V
	Mine safety	MSHA Approved
	External protection	Rubber holster
	Drop test	10 feet drop test
	Dustproof/waterproof	Yes, IP 67 rated

	Warranty	Limited lifetime
	Size (H x W x L) with holster	6.35 x 10.0 x 19.81 cm (2.5 x 3.93 x 7.8 in)
	Weight with holster	698.5 g (1.54 lb)