

« Electrical Testers

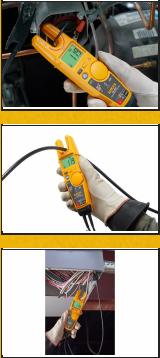
T6-600 Electrical Tester

Now you can measure voltage without test leads. Be safer, faster, more efficient. And be everywhere, testing where it used to be impossible.



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Manuals



Overview	Features	Reviews	Specs	Models	Resources
Measurement Specifications					
Function	Requires test leads	Range	Resolution	Accuracy ^[1]	
FieldSense ac voltage true-rms	No	600 V	1 V	±(3% + 3 counts) 45 Hz - 66 Hz ^{[2][3]}	
FieldSense ac current true-rms	No	200.0 A	0.1 A	±(3% + 3 counts) 45 Hz - 66 Hz	
FieldSense frequency (Hz)	No		1 Hz	±(1% + 2 counts) ^[3]	
Volts ac true-rms	Yes	600 V	1 V	±(1.5% + 2 counts) 45 Hz - 66 Hz	
Volts dc	Yes	600 V	1 V	±(1% + 2 counts)	
Resistance	Yes	2000 Ω	1 Ω	±(1% + 2 counts)	
Safety		600 V CAT III			
Accuracy ^[1] : ± ([% of reading] + [number of least significant digits]). Accuracy is specified for 1 year after calibration, at 18 °C to 28 °C (64 °F to 82 °F) with relative humidity to 90 %. AC measurements are ac-coupled, RMS responding.					
Accuracy ^[2] : Add 3 % without an external ground connection. External ground connection required for user wearing insulated gloves, standing on an insulated ladder, or otherwise insulated from earth ground.					
Accuracy ^[3] : FieldSense is specified from 16 V to 100 % of range.					

General Specifications		
Calibration	1-year calibration cycle	
Dimensions	61.1 x 259.3 x 43.8 mm	
Jaw opening	17.8 mm	
Weight	0.35 kg (0.78 lb)	
Temperature	Operating	-10 °C to +50 °C (14 °F to 122 °F)
	Storage	-30 °C to +60 °C (-22 °F to +140 °F)
Altitude	Operating	2,000 m (6,562 feet)
	Storage	10,000 m (32,808 feet)
Relative Humidity	0% to 90%, 5 °C to 30 °C (41 °F to 86 °F)	
	0% to 75%, 30°C to 40 °C (86 °F to 104 °F)	
	0% to 45%, 40°C to 50 °C (104 °F to 122 °F)	
Battery Type and Life	2 x AA (IEC LR6); 360 hours continuous, typical; 200 hours using FieldSense	

Featured Video(s)



Make FieldSense measurements correctly »



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Product Registration

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Temperature coefficient	0.1 x (specified accuracy) / °C for <18°C or >28 °C (< 64.4 °F or > 82.4 °F)
Safety	IEC/EN 61010-1: Pollution Degree 2
Electromagnetic Environment	IEC/EN 61326-1: Portable

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