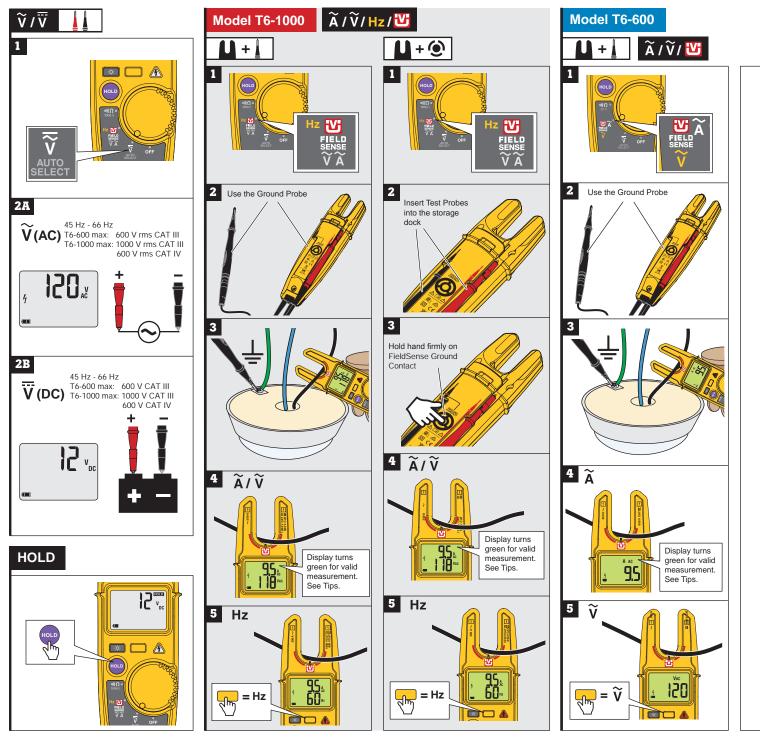


Find Quality Products Online at:

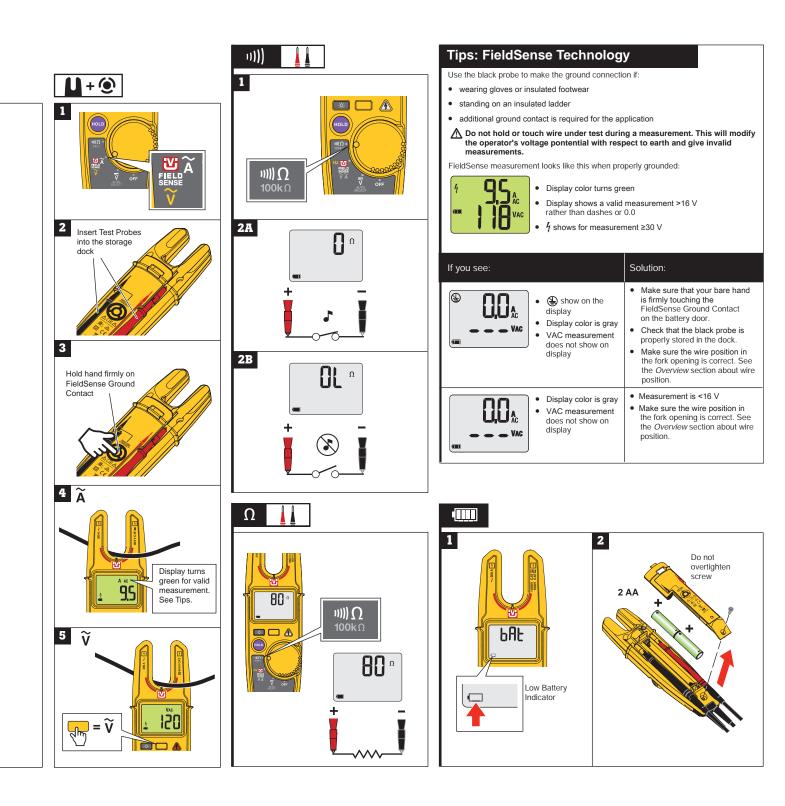
# www.GlobalTestSupply.com

#### **How to Make Measurements**



Find Quality Products Online at:

# www.GlobalTestSupply.com



**Find Quality Products Online at:** 

www.GlobalTestSupply.com

Symbols						
	WARNING. RISK OF DANGER.	<b>U</b> +@	Test with fork and FieldSense ground contact.			
ī	Consult user documentation.	<b>∐</b> + <u> </u>	Test with fork and ground probe.			
4	Hazardous voltage ≥30 V.		Test with probes.			
	Battery full charge.	<b>W</b>	FieldSense Measurement: Fluke voltage/current sensing technique.			
	Battery low. Replace.	Ŧ	Good earth ground connection.			
- Ņ	Back light		No earth ground connection.			

### **Specifications**

	Model T6-1000	Model T6-600		
Requires Test Leads	Range	Range	Resolution	Accuracy <sup>[1]</sup>
No	1000 V	600 V	1 V	±(3 % + 3 counts) 45 Hz to 66 Hz <sup>[2] [3]</sup>
No	200.0 A	200.0 A	0.1 A	±(3 % + 3 counts) 45 Hz to 66 Hz
No	45 Hz to 66 Hz		1 Hz	±(1 % + 2 counts) [3]
Yes	1000 V	600 V	1 V	±(1.5 % + 2 counts) 45 Hz to 66 Hz
Yes	1000 V	600 V	1 V	±(1 % + 2 counts)
Yes	2000 Ω	2000 Ω	1Ω	
Yes	20.00 kΩ		0.01 kΩ	±(1 % + 2 counts)
Yes	100.0 kΩ		0.1 kΩ	
	Test Leads No No No Yes Yes Yes Yes Yes	Requires Test Leads         Range           No         1000 V           No         200.0 A           No         45 Hz to 66 Hz           Yes         1000 V           Yes         200.0 A           Yes         200.0 V           Yes         2000 Ω           Yes         2000 Ω	Requires Test Leads         Range         Range           No         1000 V         600 V           No         200.0 A         200.0 A           No         45 Hz to 66 Hz	Requires Test Leads         Range         Range         Resolution           No         1000 V         600 V         1 V           No         200.0 A         200.0 A         0.1 A           No         45 Hz to 66 Hz         1 Hz         1 Hz           Yes         1000 V         600 V         1 V           Yes         1000 V         600 V         1 V           Yes         2000 Ω         2000 Ω         1 Ω           Yes         2000 Ω         2000 Ω         0.01 KΩ

[1] Accuracy: ±([% 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 accoupled, RMS responding.

[2] Add 3 % typical 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.

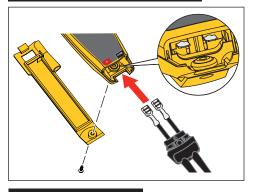
[3] FieldSense is specified from 16 V to 100 % of range.

Fork opening		17.8 mm
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	2000 m
5	Storage	10 000 m
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		2x AA (IEC LR6) 360 hr continuous, typical is 200 hr using the FieldSense function
Temperature coefficient		0.1 x (specified accuracy) / °C for <18°C or >28 °C (<64.4 °F or >82.4 °F)

### **Replacement Parts**

Test Lead Assembly (T5-RLS) Replace only with Fluke double-insulated leads (	PN 4462973				
TP1 Single Probe, Flat-Tip, Red	PN 648128				
TP1 Single Probe, Flat-Tip, Black	PN 648102				
TP38 Single Probe, Round-Tip, Red	PN 1276841				
TP38 Single Probe, Round-Tip, Black	PN 1276852				
Battery Door	PN 4944370				
Battery Door Screw	PN 1618578				
Use only specified replacement parts					

#### Lead Replacement



### Accessories

- HT6 Belt Holster
- TPAK Hanger
- PRV240FS Proving Unit
- AC285 SureGrip™ Alligator Clips
- AC220 SureGrip<sup>™</sup> Alligator Clips
- C60 softcase

# Find Quality Products Online at:

# www.GlobalTestSupply.com