

# Specifications

Specifications subject to change without notice.

<b>Calibration</b>	1-year calibration cycle
<b>Temperature Operating: Storage:</b>	-10 °C to +50 °C (14 °F to 122 °F) -30 °C to +60 °C (-22 °F to +140 °F)
<b>Altitude Operating: Storage:</b>	2000 m (6562 ft) 10,000 m (32808 ft)
<b>Relative Humidity</b>	0 % to 95 %, 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)
<b>Battery Type and Life</b>	AA (2); 360 hours continuous with alkaline; 125 hours continuous with zinc chloride
<b>RF Field Specification</b>	0.5 % full scale + (specified accuracy) at 3 V / m
<b>Enclosure Rating</b>	IP 52 per IEC 60529, no vacuum applied
<b>Safety</b>	Complies with ANSI/ISA-S82.01-94, UL classified to IEC 61010, CSA/CAN C22.2 No.1010.1-92, and EN 61010-1: 1995.
<b>EMC</b>	EN 61326
<b>Temperature coefficient</b>	0.1 x (specified accuracy) / °C for <18 °C or >28 °C (< 64.4 °F or > 82.4 °F)
<b>Accuracy</b>	± ( [ % 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 conversions are ac-coupled, average responding, and calibrated to the rms value of a sine wave input.
CAT III protects against transients in a <i>fixed equipment installation</i> such as a distribution panel, and lighting systems in large buildings.	
CAT IV protects against transients from a <i>primary supply</i> such as an electricity meter or an overhead or underground utility service.	

Function	T5-600 Range	T5-1000 Range	Resolution	Accuracy
$\hat{V}$	600 V rms	1000 V rms	1 V	± (1.5 % + 2 digits)
$\bar{V}$	600 V	1000 V	1 V	± (1 % + 1 digit)
$\hat{A}$	100.0 A	100.0 A	0.1 A	± (3 % + 3 digits)
	1000 V CAT III 600 V CAT IV			
$\Omega$	1000 $\Omega$	1000 $\Omega$	1 $\Omega$	± (1 % + 2 digits)

<b>Certifications:</b>	  
	In accordance with IEC 61010-1, 54CJ

## Replacement Parts

Test Lead Assembly. Replace only with Fluke double-insulated leads (□) See "Accessories" for available probes.	PN 648029
Battery Door	PN 1626588
Battery Door Screw	PN 1618578

## Accessories

H5 Belt Holster  
 TP1 Probe Set, Flat-Blade  
 AC285 SureGrip™ Alligator Clips  
 AC220 SureGrip™ Alligator Clips  
*Service Information Sheet*, PN 686953

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Visit Fluke's Web site at [www.fluke.com](http://www.fluke.com).