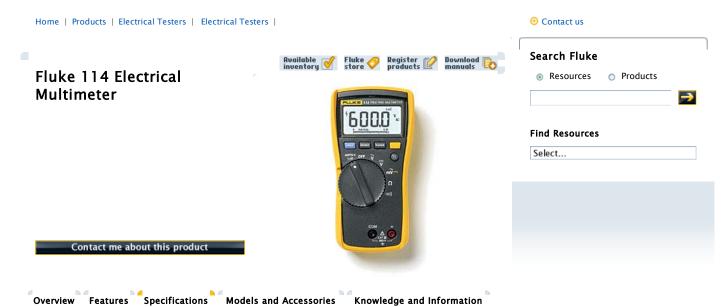
United States [Change] | Fluke [Change]





Specifications		
Maximum voltage between any terminal and earth ground	600 V	
Surge protection	6 kV peak per IEC 61010-1 600 VCAT III, Pollution Degree 2	
Display	Digital: 6,000 counts, updates 4 per second	
Bar graph	33 segments, updates 32 per second	
Operating Temperature	−10 °C to + 50 °C	
Storage Temperature	-40 °C to + 60 °C	
Battery type	9 volt Alkaline, NEDA 1604A/ IEC 6LR61	
Battery Life	400 hours typical, without backlight	

Accuracy Specifications	
DC millivolts	Range: 600.0 mV Resolution: 0.1 mV Accuracy: ± ([% of reading] + [counts]): 0.5% + 2
DC volts	Range/Resolution: 6.000 V / 0.001 V Range/Resolution: 60.00 V / 0.01 V Range/Resolution: 600.00 V / 0.1 V Accuracy: ± ([% of reading] + [counts]): 0.5% + 2
Auto volts	Range: 600.0 V Resolution: 0.1 V Accuracy: 2.0 % + 3 (dc, 45 Hz to 500 Hz)4.0 % + 3 (500 Hz to 1 kHz)
AC millivolts ¹ true-rms	Range: 600.0 mV Resolution: 0.1 mV Accuracy: 1.0 % + 3 (dc, 45 Hz to 500 Hz)2.0 % + 3 (500 Hz to 1 kHz)
AC volts ¹ true-rms	Range/Resolution: 6.000 V / 0.001 V Range/Resolution: 60.00 V / 0.01 V Range/Resolution: 600.0 V / 0.1 V Accuracy: 1.0 % + 3 (dc, 45 Hz to 500 Hz)2.0 % + 3 (500 Hz to 1 kHz)
Continuity	$ \begin{array}{ll} \textbf{Range:} & 600~\Omega \\ \textbf{Resolution:}~1~\Omega \\ \textbf{Accuracy:} & \text{Beeper on} < 20~\Omega, \text{off} > 250~\Omega; \text{detectsopens or shorts of 500 } \mu\text{s} \\ & \text{or longer.} \\ \end{array} $
Ohms	$ \begin{array}{l} \textbf{Range/Resolution:} \ 600.0 \ \Omega \ / \ 0.1 \ \Omega \\ \textbf{Range/Resolution:} \ 6.000 \ k\Omega \ / \ 0.001 \ k\Omega \\ \textbf{Range/Resolution:} \ 60.00 \ k\Omega \ / \ 0.01 \ k\Omega \\ \textbf{Range/Resolution:} \ 60.00 \ k\Omega \ / \ 0.1 \ k\Omega \\ \textbf{Range/Resolution:} \ 6.000 \ M\Omega \ / \ 0.001 \ M\Omega \\ \textbf{Accuracy:} \qquad 0.9 \ \% + 1 \\ \textbf{Range/Resolution:} \ 40.00 \ M\Omega \ / \ 0.01 \ M\Omega \\ \end{array} $

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Accuracy:	5 % + 2
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Notes:

- 1) All ac voltage ranges except Auto-V/LoZ are specified from 1 % to 100 % of range. Auto-V/LoZ is specified from 0.0 V.
- 2) Temperature uncertainty (accuracy) does not include the error of the thermocouple probe.

 3) Frequency is ac coupled, 5 Hz to 50 kHz for ac voltage. Frequency is dc coupled, 45 Hz to 5 kHz for ac current.

 4) Temperature Range/Resolution: -40 °F to 752 °F / 0.2 °F

Mechanical & General Specifications		
Size	167 x 84 x 46 mm (6.57" x 3.31" x 1.82")	
Weight	550 g	
Warranty	3 years	

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