

## Fluke 287 True-rms Electronics Logging Multimeter with TrendCapture

<b>Specifications</b>		
<b>Voltage DC</b>	<b>Accuracy Range and Resolution</b>	0.025 % 50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0V
<b>Voltage AC</b>	<b>Accuracy Range and Resolution</b>	0.4 %(true-rms) 50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0V
<b>Current DC</b>	<b>Accuracy Range and Resolution</b>	0.06 % 500.00 $\mu$ A, 5000.0 $\mu$ A, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
<b>Current AC</b>	<b>Accuracy Range and Resolution</b>	0.6%(true-rms) 500.00 $\mu$ A, 5000.0 $\mu$ A, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
<b>Temperature (excluding probe)</b>	<b>Accuracy Range and Resolution</b>	1.0 % -200.0 $^{\circ}$ C to 1350.0 $^{\circ}$ C (-328.0 $^{\circ}$ F to 2462.0 $^{\circ}$ F)
<b>Resistance</b>	<b>Accuracy Range and Resolution</b>	0.05 % 500.00 $\Omega$ , 5.0000 k $\Omega$ , 50.000 k $\Omega$ , 500.00 k $\Omega$ , 5.0000 M $\Omega$ , 50.00 M $\Omega$ , 500.0 M $\Omega$
<b>Capacitance</b>	<b>Accuracy Range and Resolution</b>	1.0 % 1.000 nF, 10.00 nF 100.0 nF, 1.000 $\mu$ F, 10.00 $\mu$ F, 100.0 $\mu$ F, 1000 $\mu$ F, 10.00 mF, 100.00 mF
<b>Frequency</b>	<b>Accuracy Range and Resolution</b>	0.005% + 5 99.999 Hz, 999.99 Hz, 9.9999 kHz, 99.999 kHz, 999.99 kHz
<b>Additional functions/features</b>	<b>Multiple on-screen displays</b>	Yes
	<b>True-rms AC bandwidth</b>	100 kHz
	<b>DBV/dBm</b>	Yes
	<b>Conductance</b>	50.00nS
	<b>Continuity beeper</b>	Yes
	<b>Battery/Fuse access</b>	Battery / Fuse
	<b>Peak</b>	250 $\mu$ S
	<b>Elapse time clock</b>	Yes
	<b>Time of day clock</b>	Yes
	<b>Min-Max-Avg</b>	Yes
	<b>Duty Cycle</b>	0.01 % to 99.99 %
	<b>Pulse Width</b>	0.025 ms, 0.25 ms, 2.5 ms, 1250.0 ms
	<b>Hold</b>	Yes
	<b>Isolated Optical Interface</b>	Yes
	<b>Auto/Touch Hold</b>	Yes
	<b>Reading memory</b>	Yes
	<b>Log to PC</b>	Yes
	<b>Interval/Event Logging</b>	Yes
	<b>Logging Memory</b>	Up to 10,000 readings

<b>Environmental Specifications</b>	
<b>Operating Temperature</b>	-20 $^{\circ}$ C to +55 $^{\circ}$ C

<b>Storage Temperature</b>	-40 °C to +60 °C
<b>Relative Humidity</b>	0% to 90% (0 °C - 37 °C) 0% to 65% (37 °C - 45 °C), 0 to 45 % (45 °C - 55 °C)
<b>Electromagnetic Compatability</b>	EMC EN6 1326-1
<b>Vibration</b>	Random vibration per MIL-PRF-28800f Class 2
<b>Shock</b>	1 meter drop per IEC/EN 61010-1 2nd edition

<b>Safety Specifications</b>	
<b>Overvoltage category</b>	CAT III 1000 V / CAT IV 600 V safety rated
<b>Agency Approvals</b>	CSA, UL, TÜV, CE

<b>Mechanical &amp; General Specifications</b>	
<b>Maximum voltage between any terminal and earth ground</b>	1000V
<b>Size</b>	(HxWxL 22.2 cm x 10.2 cm x 6 cm (8.75 in x 4.03 in x 2.38 in)
<b>Weight</b>	870.9 g (28 oz)
<b>Battery Life</b>	100 minimum, 200 hours in logging mode
<b>Battery type</b>	