

## Specifications: Fluke 179 TRMS Digital Multi meter with temperature readings

Specifications		
Voltage DC	Accuracy <sup>1</sup>	$\pm(0.09\% + 2)$
	Max. resolution	0.1 mV
	Maximum	1000 V
Voltage AC	Accuracy <sup>1</sup>	$\pm(1.0\% + 3)$
	Max. resolution	0.1 mV
	Maximum	1000 V
Current DC	Accuracy <sup>1</sup>	$\pm(1.0\% + 3)$
	Max. resolution	0.01 mA
	Maximum	10 A
Current AC	Accuracy <sup>1</sup>	$\pm(1.5\% + 3)$
	Max. resolution	0.01 mA
	Maximum	10 A
Resistance	Accuracy <sup>1</sup>	$\pm(0.9\% + 1)$
	Max. resolution	0.1 $\Omega$
	Maximum	50 M $\Omega$
Capacitance	Accuracy <sup>1</sup>	$\pm(1.2\% + 2)$
	Max. resolution	1 nF
	Maximum	10,000 $\mu$ F
Frequency	Accuracy <sup>1</sup>	$\pm(0.1\% + 1)$
	Max. resolution	0.01 Hz
	Maximum	100 kHz
Temperature	Accuracy <sup>1</sup>	$\pm(1.0\% + 10)$
	Max. resolution	0.1°C

	Range	-40°C / 400°C
1. Accuracies are best accuracies for each function		
<b>Environmental Specifications</b>		
Operating temperature	-10°C to +50°C	
Storage temperature	-30°C to +60°C	
Humidity (without condensation)	0% – 90% (0°C – 35°C) 0% – 70% (35°C – 50°C)	
<b>Safety Specifications</b>		
Overvoltage category	EN 61010–1 to 1000 V CAT III EN 61010–1 to 600 V CAT IV	
Agency approvals	UL, CSA, TÜV listed and VDE Pending	
<b>Mechanical and General Specifications</b>		
Size	43 x 90 x 185 mm	
Weight	420 g	
Warranty	Lifetime	
Battery life	Alkaline ~200 hours typical, without backlight	