

COMPARE CHART

	FLUKE-179	GPS-179	GPS-176	GDM-398	CD800a	CD771
True-RMS	✓	✓	⊗	⊗	⊗	⊗
Digit counts	6,000	40,000	6,000	4,000	4,000	4,000
Display backlight	✓	✓	✓	✓	⊗	✓
Analogue bargraph	✓	✓	✓	⊗	⊗	⊗
Auto Range	✓	✓	✓	✓	✓	✓
Min/Max	✓	✓	⊗	✓	⊗	⊗
PEAK Function	⊗	✓	⊗	⊗	⊗	⊗
REL function	⊗	✓	✓	✓	✓	✓
Temp. reading	✓	✓	✓	⊗	⊗	⊗
4-20mA % Reading Function	⊗	✓	⊗	⊗	⊗	⊗
Smoothing mode	✓	⊗	⊗	⊗	⊗	⊗
Auto power off function	✓	✓	✓	✓	✓	✓
Low battery indication	✓	✓	✓	✓	✓	✓
Audible cont/diode test	✓	✓	✓	✓	✓	✓
Integrated holster	✓	✓	✓	✓	✓	✓
Voltage resolution (DC)	0.1mV	0.01mV	0.1mV	0.1mV	0.1mV	0.1mV
Current resolution (DC)	0.01mA	0.01μA	0.1μA	0.1μA	0.01mA	0.1μA
Resistance resolution	0.1Ω	0.01Ω	0.1Ω	0.1Ω	0.1Ω	0.1Ω
Capacitance resolution	1 nF	0.001nF	0.01nF	0.01nF	0.01nF	0.01nF
Frequency resolution	0.01Hz	0.001Hz	0.01Hz	0.01Hz	0.01Hz	0.01Hz
AC/DC Voltage Max. range	1000V	1000V	1000V	1000V	1000V	1000V
AC/DC Current Max. range	10A	10A	10A	10A	10A	10A
Resistance max. range	50MΩ	40MΩ	60MΩ	40MΩ	40MΩ	40MΩ
Capacitance Max. range	10,000 μF	40 mF	4,000 μF	4,000 μF	100 μF	100 μF
Frequency Max. range	100 KHz	100 MHz	40 MHz	10 MHz	100KHz	100KHz
DC Voltage Accuracy	0.09%	0.06%	0.09%	0.10%	0.70%	0.90%
AC Voltage accuracy	1%	1%	1%	1%	1.60%	1.20%
DC Current accuracy	1%	1%	1%	1.00%	2.20%	1.40%
AC current accuracy	1.50%	1.50%	1.50%	1.20%	2.80%	2.40%
Resistance accuracy	0.90%	0.30%	0.30%	1.50%	1.00%	up to 3%
capacitance accuracy	1.20%	3.50%	3.00%	3.00%	5.00%	5.00%
Frequency accuracy	0.10%	0.50%	0.50%	0.10%	0.30%	0.50%
temperature accuracy	1%	1%	3%	NA	NA	NA
Shock/drop test	?	2m	2m	NA	NA	NA
IP Degree	?	IP67	IP67	NA	NA	NA
1000V input protection in all ranges	?	✓	✓	⊗	⊗	⊗