





## Digital multimeters

					
		<b>DMM 210</b>	<b>DMM 220</b>	<b>DMM 230</b>	<b>DMM 240</b>
Display	6,000 counts – Backlit with bargraph				40,000 counts - Backlit with bargraph
Measurement type	Average			RMS	
Bandwidth	40 Hz to 1 kHz				50 Hz to 1 kHz
I <sub>DC</sub>	Ranges	600 µA / 6,000 µA / 60 mA / 600 mA / 6 A / 10 A			400 µA / 4,000 µA / 40 mA / 400 mA / 10 A (20 A max.)
	Basic accuracy	1.0 % + 3 cts			
	Best resolution	0.1 µA			0.01 µA
	4-20 mA	—			
I <sub>AC</sub>	Ranges	600 µA / 6,000 µA / 60 mA / 600 mA / 6 A / 10 A (20 A max.)			400 µA / 4,000 µA / 40 mA / 400 mA / 10 A (20 A max.)
	Basic accuracy	1.5 % + 3 cts			
	Best resolution	0.1 µA			
V <sub>DC</sub>	Ranges	600 mV / 6 V / 60 V / 600 V / 1,000 V			400 mV / 4 V / 40 V / 400 V / 1,000 V
	Basic accuracy	0.09 % + 2 cts			0.06 % + 2 cts
	Best resolution	0.1 mV			0.01 mV
V <sub>AC</sub>	Ranges	6 V / 60 V / 600 V / 1,000 V			400 mV / 4 V / 40 V / 400 V / 1,000 V
	Basic accuracy	1.0 % + 3 cts			
	Best resolution	1 mV			0.1 mV
Resistance	Ranges	600 Ω / 6 kΩ / 60 kΩ / 600 kΩ / 6 MΩ / 60 MΩ			400 Ω / 4 kΩ / 40 kΩ / 400 kΩ / 4 MΩ / 40 MΩ
	Basic accuracy	0.3 % R + 4 cts			
	Best resolution	0.1 Ω			0.01 Ω
Audible Continuity	Yes / 0.1 Ω				
Diode test	Yes				
Capacitance	—	0.01 nF to 1,000 µF			0.001 nF to 40 mF
Temperature (K thermocouple)	—	– 45 °C to +750 °C			– 50 °C to +1,000 °C
Frequency	Electrical	10.00 to 400.00 Hz			40.00 to 400.00 Hz
	Electronic	0.001 Hz à 10.00 MHz			0.001 Hz to 100.00 MHz
Duty cycle	0.1 to 99.99 %				
Calibre selection	Autorange / Manual				
Other characteristics	Automatic shutdown (deactivatable) Relative mode – MIN, MAX			Automatic shutdown (deactivatable) Relative mode – MIN, MAX, PEAK (1 ms)	
Ingress protection	IP 67				
Safety	600 V Cat. IV / 1,000 V Cat. III according to IEC 61010				
Dimensions / Weight	187 x 81 x 50 mm / 342 g approx.				
Accessories supplied	Battery, test-probe lead			Battery, test-probe lead + adapter for k thermocouple + type K temperature probe	



**DMM 210**

To order: P06231410



**DMM 220**

To order: P06231411



**DMM 230**

To order: P06231412



**DMM 240**

To order: P06231413