

# Multimetrix®

## DMM 111 / DMM 121 / DMM 141 Digital Multimeters



■ Large display

■ 10 A calibre

■ Double OFF position

■ Protection by safety fuses

■ 600 V CAT III / compliant with IEC 61010-2-033

CE

# Multimetrix®

## Specifications:



		DMM 111	DMM 121	DMM 141
Display		2,000 counts		4,000 counts
Type of measurement		Average		RMS
I <sub>DC</sub>	Ranges	200 µA / 2000 µA / 20 mA / 200 mA / 2 A / 10 A <sup>(1)</sup>		400 µA / 4000 µA / 40 mA / 400 mA / 4 A / 10 A <sup>(1)</sup>
	Best accuracy	1 %R + 3 cts		1 %R + 3 cts
	Best resolution	0.1 µA		
I <sub>AC</sub>	Ranges	200 µA / 2000 µA / 20 mA / 200 mA / 2 A / 10 A <sup>(1)</sup>		400 µA / 4000 µA / 40 mA / 400 mA / 4 A / 10 A <sup>(1)</sup>
	Best accuracy	1 %R + 5 cts		1 %R + 5 cts
	Best resolution	0.1 µA		
V <sub>DC</sub>	Ranges	200 mV / 2 V / 20 V / 200 V / 600 V		400 mV / 4 V / 40 V / 400 V / 600 V
	Best accuracy	0.5 %R + 3 cts		0.5 %R + 3 cts
	Best resolution	0.1 mV		
V <sub>AC</sub>	Ranges	200 mV / 2 V / 20 V / 200 V / 600 V		400 mV / 4 V / 40 V / 400 V / 600 V
	Best accuracy	1 %R + 5 cts		1 %R + 5 cts
	Best resolution	0.1 mV		
Resistance	Ranges	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ		400 Ω / 4 kΩ / 40 kΩ / 400 kΩ / 4 MΩ / 40 MΩ
	Best accuracy	0.5 %R + 2 cts		0.5 %R + 2 cts
	Best resolution	0.1 Ω		
Continuity (with buzzer)		Yes		
Diode test		Yes		
Frequency		-	5 Hz / 50 Hz / 500 Hz / 5 kHz / 50 kHz / 500 kHz / 5 MHz	
Capacitance		-	50 nF / 500 nF / 5 µF / 50 µF / 100 µF	
Range selection		Automatic / Manual <sup>(2)</sup>		
Other features		Data Hold, deactivatable automatic power-off, MAX	Backlighting, Data Hold, deactivatable automatic power-off, Relative mode	
Safety		600 V CAT III according to IEC 61010-1, 61010-2-033		
Dimensions / Weight		181 x 92 x 57 mm / 335 g (without batteries)		

<sup>(1)</sup> 20 A max / 30 s max

<sup>(2)</sup> except for frequency and capacitance

## State at delivery:

- 1 set of red/black cables with test probes
- 1 shockproof protective sheath
- 2 x 1.5 V AA batteries



**built-in test-probe stowing system**

## To order:

Product name	Reference
DMM 111	P06231420Z
DMM 121	P06231421Z
DMM 141	P06231422Z

## Multimetrix®

CHAUVIN ARNOUX group  
190 rue Championnet  
75876 PARIS cedex 18 - France  
Tel.: +33 (0)1 44 85 44 85  
Fax: +33 (0)1 46 27 73 89  
info@multimetrix.fr  
[www.multimetrix.fr](http://www.multimetrix.fr)