

# Lineup

Clamp Multimeters How to Use



Measurement type	AC / DC Current							
Model	CM4371 CM4372	CM4373 CM4374	CM4375 CM4376	3284	3285	3287	3288 3288-20	
Appearance								
Core jaw diameter	φ33 mm (1.30 in)	φ55 mm (2.17 in)	φ34 mm (1.34 in)	φ33 mm (1.30 in)	φ55 mm (2.17 in)	φ35 mm (1.38 in)	φ35 mm (1.38 in)	
AC measurement system	True RMS	True RMS	True RMS	True RMS	True RMS	True RMS	MEAN Value True RMS (-20)	
Frequency characteristics	10 Hz to 1 kHz	10 Hz to 1 kHz	10 Hz to 1 kHz	10 Hz to 2 kHz	10 Hz to 1 kHz	10 Hz to 1 kHz	10 Hz to 500 Hz	
Measurement parameters	AC current (Resolution) Guaranteed accuracy range	600 A (0.01) 1 A to 600 A	2000 A (0.1) 1 A to 2000 A	1000 A (0.1) 1 A to 999.9 A	200 A (0.01) 1 A to 999.9 A	2000 A (0.1) 10 A to 2000 A	100 A (0.01) Full display range <sup>5</sup>	1000 A (0.1) Full display range <sup>5</sup>
	DC current (Resolution)	600 A (0.01)	2000 A (0.1)	999.9 A (0.1)	200 A (0.01)	2000 A (0.1)	100 A (0.01)	1000 A (0.1)
	AC Voltage	1000 V	1000 V	1000 V	600 V	600 V	600 V	600 V
	DC Voltage	1500 V <sup>1</sup>	1500 V <sup>1</sup>	1500 V <sup>1</sup>	600 V	600 V	600 V	600 V
	Power	1020 kVA (DC) <sup>1</sup>	3400 kVA (DC) <sup>1</sup>	1700 kVA (DC) <sup>1</sup>	N / A	N / A	N / A	N / A
	Resistance	600 kΩ	600 kΩ	600 kΩ	N / A	N / A	42 MΩ	42 MΩ
	Temperature	-40°C to 400°C	-40°C to 400°C	-40°C to 400°C	N / A	N / A	N / A	N / A
	Electrostatic capacity	✓	✓	✓	N / A	N / A	N / A	N / A
	Frequency	999.9 Hz	999.9 Hz	999.9 Hz	1000 Hz	1000 Hz	N / A	N / A
	Rush current	✓	✓	✓	N / A	N / A	N / A	N / A
	Continuity check	✓	✓	✓	N / A	N / A	✓	✓
	Diode check	✓	✓	✓	N / A	N / A	N / A	N / A
Voltage detection	✓	✓	N / A	N / A	N / A	N / A	N / A	
Low-pass filter	✓	✓	✓	N / A	N / A	N / A	N / A	
Auto power off	✓	✓	✓	✓	✓	✓	✓	
Auto range	✓	✓	✓	✓	✓	✓	✓	
Data hold	AUTO / MANUAL	AUTO / MANUAL	AUTO / MANUAL	MANUAL	MANUAL	MANUAL	MANUAL	
Automatic AC/DC detection	✓	✓	✓	N / A	N / A	N / A	N / A	
MAX / MIN / AVG	✓	✓	✓	✓	✓	N / A	N / A	
Output	N / A	N / A	N / A	✓	✓	N / A	N / A	
Bluetooth® communication	✓ (CM4372 only)	✓ (CM4374 only)	✓ (CM4376 only)	N / A	N / A	N / A	N / A	
Backlight	✓	✓	✓	N / A	N / A	N / A	N / A	
Display refresh rate	5 times / s	5 times / s	5 times / s	4 times / s <sup>-3</sup>	4 times / s <sup>-3</sup>	2.5 times / s	2.5 times / s	
Safety standard category	CAT IV 600 V CAT III 1000 V	CAT IV 600 V CAT III 1000 V	CAT IV 600 V CAT III 1000 V	CAT III 600 V	CAT III 600 V	V: CAT III 300 V A: CAT III 600 V	V: CAT III 300 V A: CAT III 600 V	
CE	✓	✓	✓	N / A	N / A	✓	✓	
Dustproof and waterproof	IP54 <sup>2</sup>	IP54 <sup>2</sup>	IP54 <sup>2</sup>	IP40	IP40	N / A	N / A	
Drop proof	N / A	N / A	N / A	N / A	N / A	N / A	N / A	
Power supply	LR03 x2 Alkaline	LR03 x2 Alkaline	LR03 x2 Alkaline	6F22 x1 Stacked manganese	6F22 x1 Stacked manganese	CR2032 x1 Coin type	CR2032 x1 Coin type	
Dimensions (W x H x D)	65 x 215 x 35 mm 2.56 x 8.46 x 1.38 in	65 x 250 x 35 mm 2.56 x 9.84 x 1.38 in	65 x 242 x 35 mm 2.56 x 9.53 x 1.38 in	62 x 230 x 39 mm 2.44 x 9.06 x 1.54 in	62 x 260 x 39 mm 2.44 x 10.24 x 1.54 in	57 x 180 x 16 mm 2.24 x 7.09 x 0.63 in	57 x 180 x 16 mm 2.24 x 7.09 x 0.63 in	
Weight	340 g / 12.0 oz	530 g / 18.7 oz	330 g / 11.6 oz	460 g / 16.2 oz	540 g / 19.0 oz	170 g / 6.0 oz	150 g / 5.3 oz	

## Size comparison

