



10000A CAT II 600V
CAT III 1000V

CM4375-50
AC/DC
CLAMP METER

TEMP
A+V VA

AUTO V
AUTO A

True RMS


OFF

Fn

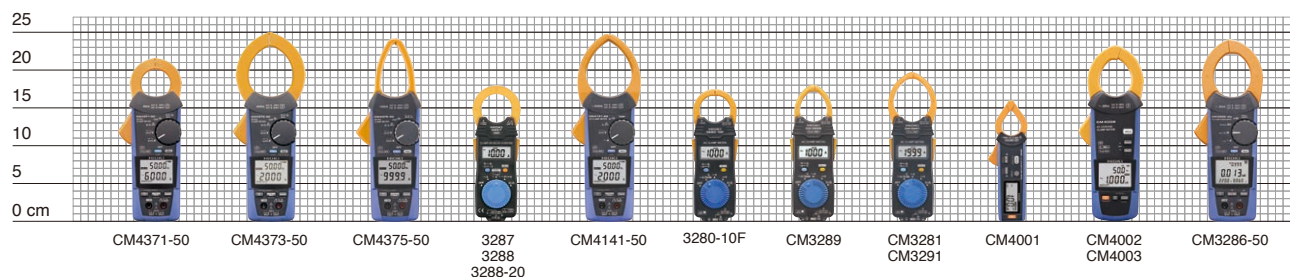
OADJ

HOLD

Lineup

Measurement type	AC / DC Current					
Model	CM4371-50	CM4373-50	CM4375-50	3287	3288 3288-20	
Appearance						
Core jaw diameter	φ33 mm (1.30 in)	φ55 mm (2.17 in)	φ34 mm (1.34 in)	φ35 mm (1.38 in)	φ35 mm (1.38 in)	
AC measurement system	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 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	100 A (0.01) Full display range ³	1000 A (0.1) Full display range ³
	DC current (Resolution)	600 A (0.01)	2000 A (0.1)	999.9 A (0.1)	100 A (0.01)	1000 A (0.1)
	AC Voltage	1000 V	1000 V	1000 V	600 V	600 V
	DC Voltage	2000 V ¹	2000 V ¹	2000 V ¹	600 V	600 V
	Power	1200 kVA (DC) ¹	4000 kVA (DC) ¹	2000 kVA (DC) ¹	N / A	N / A
	Resistance	6 MΩ	6 MΩ	6 MΩ	42 MΩ	42 MΩ
	Temperature	-40°C to 400°C	-40°C to 400°C	-40°C to 400°C	N / A	N / A
	Electrostatic capacity	✓	✓	✓	N / A	N / A
	Frequency	999.9 Hz	999.9 Hz	999.9 Hz	N / A	N / A
	Rush current	✓	✓	✓	N / A	N / A
	Continuity check	✓	✓	✓	✓	✓
Diode check	✓	✓	✓	N / A	N / A	
Non-Contact Voltage	✓	✓	N / A	N / A	N / A	
Low-pass filter	✓	✓	✓	N / A	N / A	
Auto power off	✓	✓	✓	✓	✓	
Auto range	✓	✓	✓	✓	✓	
Data hold	AUTO / MANUAL	AUTO / MANUAL	AUTO / MANUAL	MANUAL	MANUAL	
Automatic AC/DC detection	✓	✓	✓	N / A	N / A	
MAX / MIN / AVG	✓	✓	✓	N / A	N / A	
Output	N / A	N / A	N / A	N / A	N / A	
Bluetooth® communication	✓ (with Z3210)	✓ (with Z3210)	✓ (with Z3210)	N / A	N / A	
Backlight	✓	✓	✓	N / A	N / A	
Display refresh rate	5 times / s	5 times / s	5 times / s	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	V: CAT III 300 V A: CAT III 600 V	V: CAT III 300 V A: CAT III 600 V	
Safety standard category (with P2000)	CAT IV 1000 V CAT III 2000 V	CAT IV 1000 V CAT III 2000 V	CAT IV 1000 V CAT III 2000 V	N / A	N / A	
CE	✓	✓	✓	✓	✓	
Dustproof and waterproof	IP54 ²	IP54 ²	IP54 ²	N / A	N / A	
Drop proof	N / A	N / A	N / A	N / A	N / A	
Power supply	LR03 ×2 Alkaline	LR03 ×2 Alkaline	LR03 ×2 Alkaline	CR2032 ×1 Coin type	CR2032 ×1 Coin type	
Dimensions (W × H × D)	65 × 215 × 35 mm 2.56 × 8.46 × 1.38 in	65 × 250 × 35 mm 2.56 × 9.84 × 1.38 in	65 × 242 × 35 mm 2.56 × 9.53 × 1.38 in	57 × 180 × 16 mm 2.24 × 7.09 × 0.63 in	57 × 180 × 16 mm 2.24 × 7.09 × 0.63 in	
Weight	340 g / 12.0 oz	530 g / 18.7 oz	350 g / 12.3 oz	170 g / 6.0 oz	150 g / 5.3 oz	

Size comparison

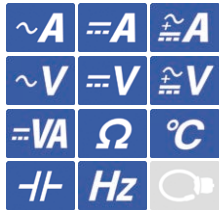


AC/DC Current



AC/DC CLAMP METER CM4371-50, CM4373-50, CM4375-50

Product warranty for 3 years
Accuracy guaranteed for 1 year



Accessories



L9300 C0203

- LR03 Alkaline battery x2
- Instruction manual

φ35 mm =1.30 in



NEW
CM4371-50

600 A AC/DC
True RMS
CAT IV 600 V
CAT III 1000 V

With P2000
CAT IV 1000 V DC
CAT III 2000 V DC

With Z3210
Bluetooth
Please see www.hioki.com for list of supported regions.
GENNECT Cross

φ55 mm =2.17 in



NEW
CM4373-50

2000 A AC/DC
True RMS
CAT IV 600 V
CAT III 1000 V

With P2000
CAT IV 1000 V DC
CAT III 2000 V DC

With Z3210
Bluetooth
Please see www.hioki.com for list of supported regions.
GENNECT Cross

φ34 mm =1.34 in



NEW
CM4375-50

1000 A AC/DC
True RMS
CAT IV 600 V
CAT III 1000 V

With P2000
CAT IV 1000 V DC
CAT III 2000 V DC

With Z3210
Bluetooth
Please see www.hioki.com for list of supported regions.
GENNECT Cross



WIRELESS ADAPTER Z3210 (Option)
Attach to enable Bluetooth® wireless technology

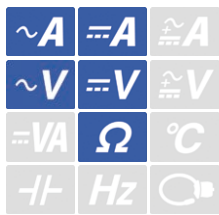


DC HIGH VOLTAGE PROBE P2000 (Option)
Available to measure 2000 V DC.

CLAMP ON AC/DC HiTESTER 3287, 3288, 3288-20



Product warranty for 3 years
Accuracy guaranteed for 1 year



Accessories



L9208 9398

- Coin type lithium battery CR2032x1
- Instruction manual

φ35 mm =1.38 in



3287
100 A AC/DC
True RMS
V: CAT III 300 V
A: CAT III 600 V

φ35 mm =1.38 in



3288
1000 A AC/DC
True RMS
V: CAT III 300 V
A: CAT III 600 V

φ35 mm =1.38 in



3288-20
1000 A AC/DC
True RMS
V: CAT III 300 V
A: CAT III 600 V

For more details



Model	CM4371-50	CM4373-50	CM4375-50		Basic accuracy	
Measurement parameters	AC Current	✓	N/A	N/A	20.00 A/600.0 A (guaranteed accuracy range: 1.00 A to 600.0 A)	±1.3% rdg ±0.08 A
		N/A	✓	N/A	600.0 A/2000 A (guaranteed accuracy range: 1.0 A to 2000 A)	±1.3% rdg ±0.3 A
		N/A	N/A	✓	1000 A (guaranteed accuracy range: 1.0 A to 999.9 A)	±1.3% rdg ±0.3 A
	DC Current	✓	N/A	N/A	20.00 A/600.0 A (guaranteed accuracy range: ±1.00A to ±600.0 A)	±1.3% rdg ±0.08 A
		N/A	✓	N/A	600.0 A/2000 A (guaranteed accuracy range: ±1.0A to ±2000 A)	±1.3% rdg ±0.3 A
		N/A	N/A	✓	1000 A (guaranteed accuracy range: ±1.0 A to ±999.9 A)	±1.3% rdg ±0.3 A
	AC + DC Current	✓	N/A	N/A	20.00 A/600.0 A (guaranteed accuracy range: 1.00 A to 600.0 A)	±1.3% rdg ±0.13 A
		N/A	✓	N/A	600.0 A/2000 A (guaranteed accuracy range: 1.0 A to 2000 A)	±1.3% rdg ±1.3 A
		N/A	N/A	✓	1000 A (guaranteed accuracy range: 1.0 A to 999.9 A)	±1.3% rdg ±1.3 A
	AC Voltage	✓	✓	✓	6.000 V/60.00 V/600.0 V/1000 V	±0.9% rdg ±0.003 V
	DC Voltage	✓	✓	✓	600.0 mV/6.000 V/60.00 V/600.0 V/1000 V/2000 V ²	±0.5% rdg ±0.5 mV
	AC + DC Voltage	✓	✓	✓	6.000 V/60.00 V/600.0 V/1000 V	±1.0% rdg ±0.013 V
	DC Power	✓	N/A	N/A	0.0 VA to ±1200 kVA ²	±2.0% rdg ±20 dgt
		N/A	✓	N/A	0.000 kVA to ±4000 kVA ²	±2.0% rdg ±20 dgt
	N/A	N/A	✓	0.000 kVA to ±2000 kVA ²	±2.0% rdg ±0.020 kVA	
Resistance	✓	✓	✓	600.0 Ω/6.000 kΩ/60.00 kΩ/600.0 kΩ/6.000 MΩ	±0.7% rdg ±0.5 Ω	
Temperature	✓	✓	✓	-40.0°C to 400.0°C	±0.5% rdg ±3.0°C	
Electrostatic capacity	✓	✓	✓	1.000 μF/10.00 μF/100.0 μF/1000 μF	±1.9% rdg ±0.005 μF	
Frequency	✓	✓	✓	9.999 Hz/99.99 Hz/999.9 Hz	±0.1% rdg ±0.003 Hz	

Display refresh rate	5 times/s ³
Operating temperature	-25°C to 65°C, 90% RH or less (non-condensating)
Storage temperature	-30°C to 70°C, 90% RH or less (non-condensating)
Dustproof and waterproof	IP54 ⁴
Power supply	Alkaline battery LR03 x2
Continuous operating time	40 hours ⁵
Dimensions (W x H x D)	CM4371-50: 65 x 215 x 35 mm (2.56 x 8.46 x 1.38 in) CM4373-50: 65 x 250 x 35 mm (2.56 x 9.84 x 1.38 in) CM4375-50: 65 x 242 x 35 mm (2.56 x 9.53 x 1.38 in)
Weight	CM4371-50: 340 g (12 oz) CM4373-50: 530 g (18.7 oz) CM4375-50: 350 g (12.3 oz)

Order code	CM4373-91
Order code	CM4371-50
Order code	CM4371-90
Order code	CM4375-91
Order code	CM4373-50
Order code	CM4373-90
Order code	CM4373-92
Order code	CM4375-50
Order code	CM4375-90
Order code	CM4375-92

Model CM437x-90 includes Z3210 as a set
 Model CM437x-91 includes P2000 as a set
 Model CM437x-92 includes P2000, Z3210 as a set

*1: Excludes CM4375-50 *2: Only when DC HIGH VOLTAGE PROBE P2000 is used *3: Excludes electrostatic capacity, frequency, and temperature
 *4: While in storage, or when measuring the current an insulated conductor. Do not use when wet. *5: With backlight and Bluetooth™ communications turned OFF



Model	3287	3288	3288-20		Basic accuracy	
Measurement parameters	AC Current	✓	N/A	N/A	10.00 A/100.0 A (Display range: 0A to 10.00 A/100.0 A)	±1.5% rdg ±5 dgt
		N/A	✓	✓	100.0 A/1000 A (Display range: 0A to 100.0 A/1000 A)	±1.5% rdg ±5 dgt
	DC Current	✓	N/A	N/A	10.00 A/100.0 A	±1.5% rdg ±5 dgt
		N/A	✓	✓	100.0 A/1000 A	±1.5% rdg ±5 dgt
	AC Voltage	✓	✓	✓	4.200 V/42.00 V/420.0 V/600 V	±2.3% rdg ±8 dgt
DC Voltage	✓	✓	✓	420.0 mV/4.200 V/42.00 V/420.0 V/600 V	±1.3% rdg ±4 dgt	
Resistance	✓	✓	✓	420.0 Ω/4.200 kΩ/42.00 kΩ/420.0 kΩ/4.200 MΩ/42.00 MΩ	±2.0% rdg ±4 dgt	

Display refresh rate	2.5 times/s
Operating temperature	0°C to 40°C, 80% RH or less (non-condensating)
Storage temperature	-10°C to 50°C, 80% RH or less (non-condensating)
Dustproof and waterproof	N/A
Power supply	Coin type lithium battery CR2032 x1
Continuous operating time	25 hours
Dimensions (W x H x D)	57 x 180 x 16 mm (2.24 x 7.09 x 0.63 in)
Weight	3287: 170 g (6.0 oz), 3288, 3288-20: 150 g (5.3 oz)

Order code	3287
Order code	3288
Order code	3288-20

About the Marks

	Safety standard measurement categories*		AC voltage
	Drop proof Robust design capable of withstanding a drop from a height of 1 m onto concrete		DC voltage
	Backlight		DCV + ACV
	Auto power OFF Automatically turns off after a certain time		Frequency
	Display hold		Resistance
	True RMS True RMS measurement for accurate measurement of even distorted current waveforms		Capacitance
	Low-pass filter Cuts high frequency content to provide stable numerical values for measurement		Temperature
	AUTO AC/DC Automatically detects and measures AC and DC voltage		ACA current
	MAX/MIN/AVG value* Displays the maximum, minimum, and average of the displayed values		DCA current
	Peak measurement* Displays the wave maximum and minimum peak values		DCA + ACA
	Flexible current sensor can be connected		DC Power
			Continuity check Buzzer sounds when continuity is detected
			Diode check Displays voltage if in the correct direction, and OVER if in the reverse direction
			Non-Contact Voltage Buzzer sounds when AC voltage is detected
			Inrush (Rush current) Measures inrush current when power is turned on, etc.

*For more detailed information, please refer to the next page.

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