

Leakage Current

HIOKI

AC LEAKAGE CLAMP METER CM4001, CM4002, CM4003



Product warranty for 3 years
Accuracy guaranteed for 1 year



WIRELESS ADAPTER
Z3210 (option)
Attach to enable Bluetooth®-
wireless technology.



Φ24 mm = 0.94 in.

CM4001
0.6 mA to 600 AAC

True RMS
CAT III 300 V

Included accessories



CARRYING CASE

- Strap
- LR03 Alkaline battery × 1
- Instruction manual

With Z3210



Please see www.hioki.com
for list of supported regions.



Φ40 mm = 1.57 in.

CM4002
0.06 mA to 200 AAC

True RMS
CAT IV 300 V
CAT III 600 V

Included accessories



C0203

- LR6 Alkaline battery × 2
- Instruction manual

With Z3210



Please see www.hioki.com
for list of supported regions.



Φ40 mm = 1.57 in.

CM4003
0.06 mA to 200 AAC

True RMS
CAT III 300 V

Included accessories



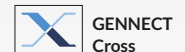
C0203 L9097

- LR6 Alkaline battery × 2
- Instruction manual
- USB cable

With Z3210



Please see www.hioki.com
for list of supported regions.



Functions

- External output
- External power supply



Model	CM4001	CM4002	CM4003	Basic accuracy	
Measurements	AC Current	4	N/A	60.00 mA, 600.0 mA, 6.000A, 60.00A, 600.0A (guaranteed accuracy range: 0.60 mA to 600.0A)	±1.5% rdg. ± 0.05 mA
	Frequency	N/A	4	6.000 mA, 60.00 mA, 600.0 mA, 6.000A, 60.00A, 200.0A (guaranteed accuracy range: 0.060 mA to 200.0A)	±1.0% rdg. ±0.005 mA
		4	N/A	999.9 Hz	±1.5% rdg. ±0.1 Hz
		N/A	4	999.9 Hz, 2000 Hz	±0.1% rdg. ±0.1 Hz

Other	CM4001	CM4002	CM4003
Display refresh rate	5 times/s		
Operating temperature	-10°C to 65°C (non-condensating)		
Storage temperature	CM4001: -10°C to 65°C (non-condensating) CM4002, CM4003: -30°C to 70°C (non-condensating)		
Dustproof and waterproof	CM4002, CM4003: IP40 (EN60529)		
Power supply	CM4001: LR03 Alkaline battery × 1, 32 hours CM4002, CM4003: LR6 Alkaline battery × 2, 48 hours (LR6, without Z3210)		
Continuous operating time	CM4003: AC ADAPTER Z1013 (option)		
Dimensions (W × H × D)	CM4001: 37 × 160 × 27 mm (1.46 × 6.30 × 1.06 in.) CM4002, CM4003: 64 × 233 × 36 mm (2.52 × 9.17 × 1.41 in.)		
Weight	CM4001: 115 g (4.1 oz.) CM4002, CM4003: 400 g (14.1 oz.)		

Includes external output function
(CM4003 Only)

Pair with a recorder to capture
instantaneous or current waveforms



RMS value output
(RMS mode)
DC 600 mV/f.s.
Waveform output
(WAVE mode)
AC 600 mV/f.s.

*Using CONNECTION CABLE
L9097 (included accessories)

Order code	CM4001
Order code	CM4001-90
Order code	CM4002
Order code	CM4002-90
Order code	CM4003
Order code	CM4003-90
Order code	Z3210

Model CM4001-90, CM4002-90, CM4003-90 includes Z3210 as a set

Specifications

Operating environment	Indoors, pollution degree 2, operable at an altitude specified in specifications of each measuring instrument to which the adapter is attached	GENNECT Cross App Confirmed compatible OSs	iOS 13 or later, Android 9 or later, Bluetooth® 4.0 or later
Operating temperature and humidity (Storage temperature and humidity)	-30 (-22) to 70 (158) 90% RH or less (no condensation)	Excel® Direct Input Confirmed compatible OSs	Windows 10, iOS 13 or later, Android 9 or later, Bluetooth® 4.0 or later
Standards	Safety: EN61010, RF: EN300 328, RF EMC: EN301 489-1, EN301 489-17, Exposure: EN62479	Bluetooth® Communication distance	About 10 m (line-of-sight distance)
Maximum attaching/detaching count	5000 times (Can be switched between compatible measuring instruments)	Product warranty period	3 years (except for the connector. Depending on your tablet/smartphone, you may not be able to connect)
		Dimensions and Mass	Approx. 16.4 mm W × 6.7 mm H × 15.6 mm D (0.65" W × 0.26" H × 0.61" D), Approx. 1.5 g (0.05 oz.)
		Accessory	Instruction manual

Model



Model: WIRELESS ADAPTER Z3210

Model No. (Order code): Z3210



Z3210 web site
For more information on supported regions and products, please visit this dedicated site.

Compatible products (scheduled included)



AC LEAKAGE CLAMP METER
CM4001, CM4002, CM4003



AC CLAMP POWER METER
CM3286-50



AC CLAMP METER
CM4141-50



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



DIGITAL MULTI METER
DT4261



BATTERY TESTER
BT3554-50



DIGITAL PHASE DETECTOR
PD3259-50



INSULATION TESTER
IR4057-50



EARTH TESTER
FT6031-50



CLAMP ON EARTH TESTER
FT6380-50

More compatible HIOKI products and apps are on their way



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