

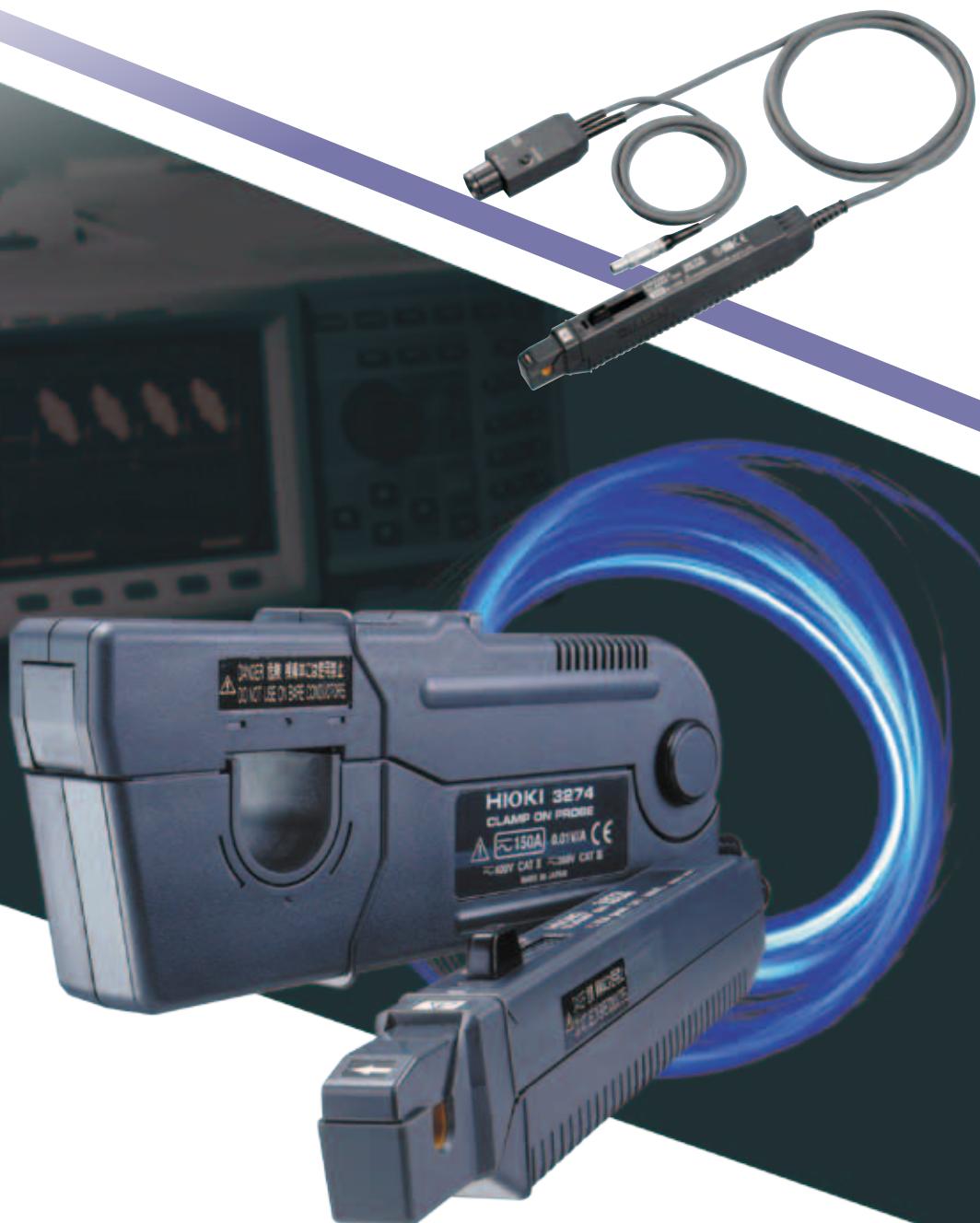
HIOKI

CLAMP ON PROBE 3270 series
AC/DC CURRENT SENSOR CT6860 series

CLAMP SENSOR

Wide-band Models from DC to 100 MHz

CLAMP ON PROBE 3276

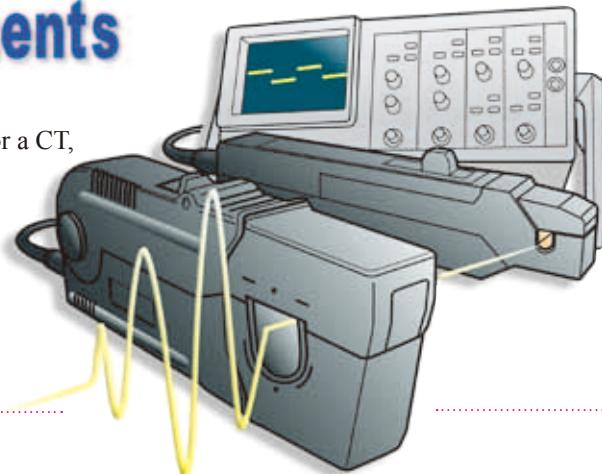


CE

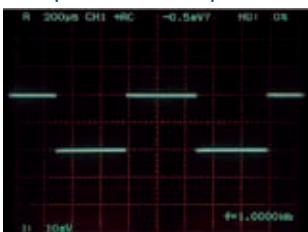
CLAMP ON PROBE 3273-50 to 3276

From High Sensitivity (High S/N Ratio) to Large Current Measurements

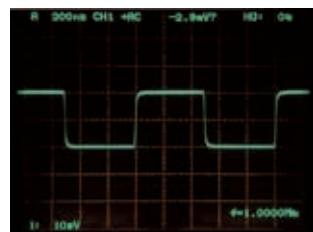
Because current measurement requires the insertion of a shunt or a CT, the task often becomes difficult due to breaks in the electrical path. The 3273-50 - 3276 CLAMP ON PROBES only need to be connected directly into the BNC input on waveform observation equipment such as an oscilloscope or a recorder. Then simply clamp onto the conductor to be measured to easily observe current waveforms under a wide bandwidth and high sensitivity conditions.



Important Characteristics

3273-50
DC to 50 MHz
3273-50
■ Square wave response


Input: 1 kHz square wave 200 mA p-p
(Oscilloscope bandwidth 400 MHz)



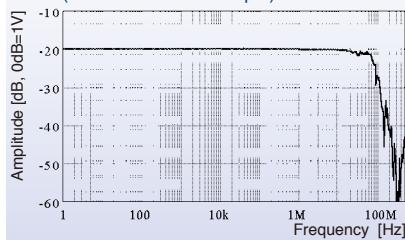
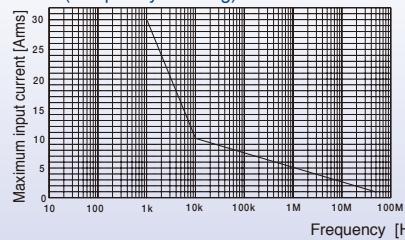
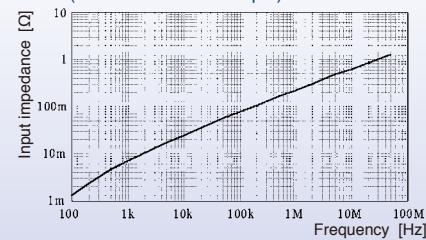
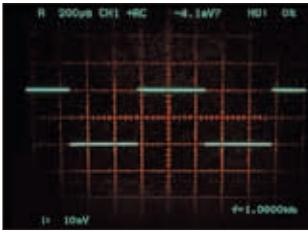
Input: 1 MHz square wave 200 mA p-p
(Oscilloscope bandwidth 400 MHz)

■ Transient response

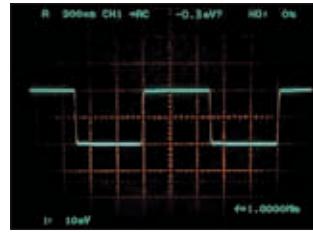

Input: 100 mA p-p
(Oscilloscope bandwidth 400 MHz)

■ Low-current measurement

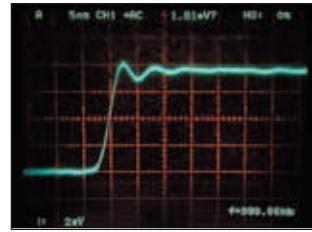

Input: 1 kHz sine wave 10 mA p-p
(Oscilloscope bandwidth 20 MHz)

**■ 1. Frequency response
(Characteristics Example)**

**■ 2. Continuous maximum input rating
(Frequency derating)**

**■ 3. Input impedance
(Characteristics Example)**

3276
DC to 100 MHz
3276
■ Square wave response


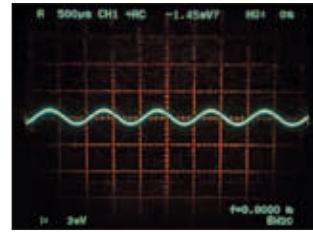
Input: 1 kHz square wave 200 mA p-p
(Oscilloscope bandwidth 400 MHz)



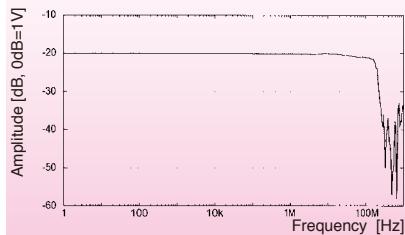
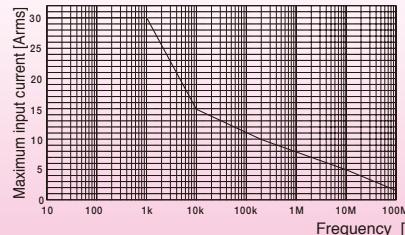
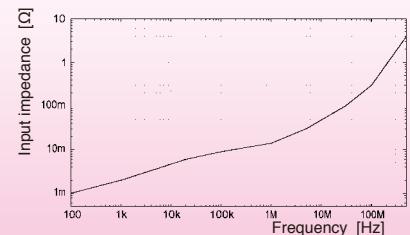
Input: 1 MHz square wave 200 mA p-p
(Oscilloscope bandwidth 400 MHz)

■ Transient response


Input: 100 mA p-p
(Oscilloscope bandwidth 400 MHz)

■ Low-current measurement


Input: 1 kHz sine wave 10 mA p-p
(Oscilloscope bandwidth 20 MHz)

**■ 1. Frequency response
(Characteristics Example)**

**■ 2. Continuous maximum input rating
(Frequency derating)**

**■ 3. Input impedance
(Characteristics Example)**


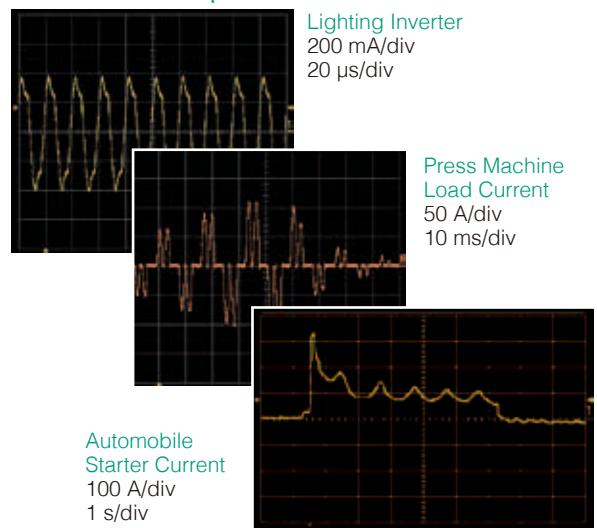
CLAMP ON PROBE 3273-50 to 3276

Features

- High S/N ratio: ideal for measuring milliamperes waveforms (Model 3273-50)
- Capable of waveform monitoring from wide band and minute currents to large currents (Model 3274)
- Permits waveform observation of large current of up to 500 Arms (Model 3275)
- Wide-band waveform observations, from DC to 100 MHz (Model 3276)
- Direct connection to BNC input of oscilloscope
- Highly accurate current detection
- Newly developed indium-antimony (InSb) thin-film Hall element
- Simple overload protector prevents damage due to overheating
- Easy measurement
- The 3273-50 includes a soft case, the 3274 / 3275 / 3276 includes a hard carrying case



Waveform Example



3274

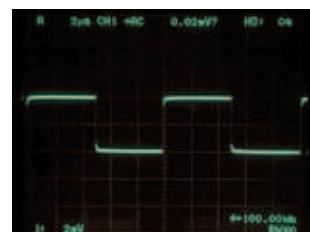
DC to 10 MHz

3274

Square wave response



Input: 100 Hz square wave 20 Ap-p
(Oscilloscope bandwidth 100 MHz)



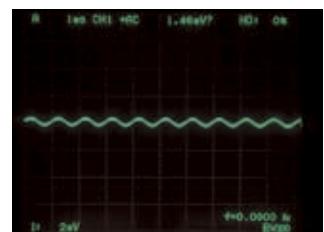
Input: 100 kHz square wave 400 mAp-p
(Oscilloscope bandwidth 100 MHz)

Transient response



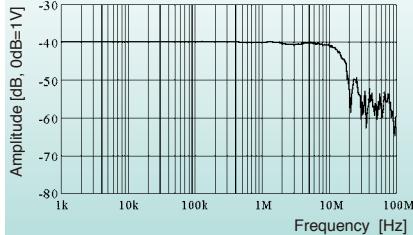
Input: 1 Ap-p
(Oscilloscope bandwidth 100 MHz)

Low-current measurement

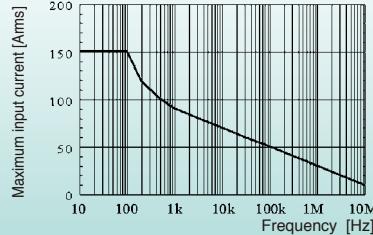


Input: 1 kHz sine wave 50 mAp-p
(Oscilloscope bandwidth 100 MHz)

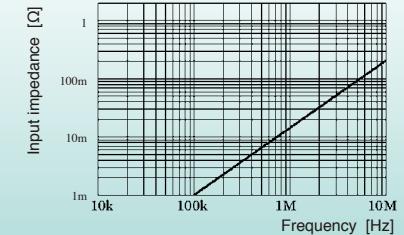
1. Frequency response (Characteristics Example)



2. Continuous maximum input rating (Frequency Derating)



3. Input impedance (Characteristics Example)



3275

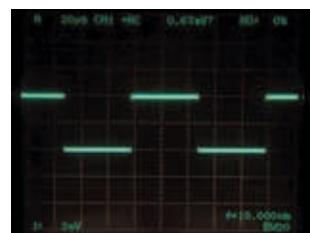
DC to 2 MHz

3275

Square wave response



Input: 100 Hz square wave 300 Ap-p
(Oscilloscope bandwidth 20 MHz)



Input: 10 kHz square wave 400 mAp-p
(Oscilloscope bandwidth 20 MHz)

Transient response



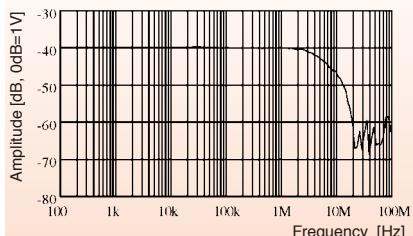
Input: 1 Ap-p
(Oscilloscope bandwidth 20 MHz)

Low-current measurement

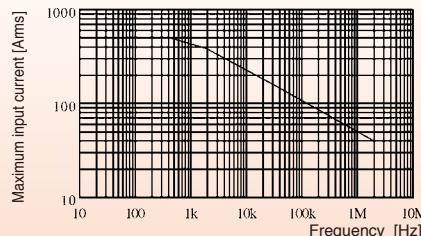


Input: 1 kHz sine wave 50 mAp-p
(Oscilloscope bandwidth 20 MHz)

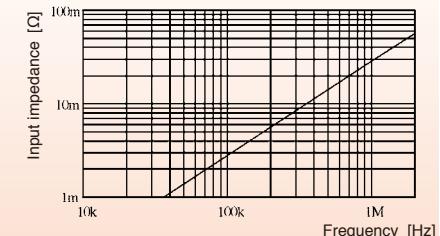
1. Frequency response (Characteristics Example)



2. Continuous maximum input rating (Frequency Derating)



3. Input impedance (Characteristics Example)



CLAMP ON PROBE 3273-50 to 3276

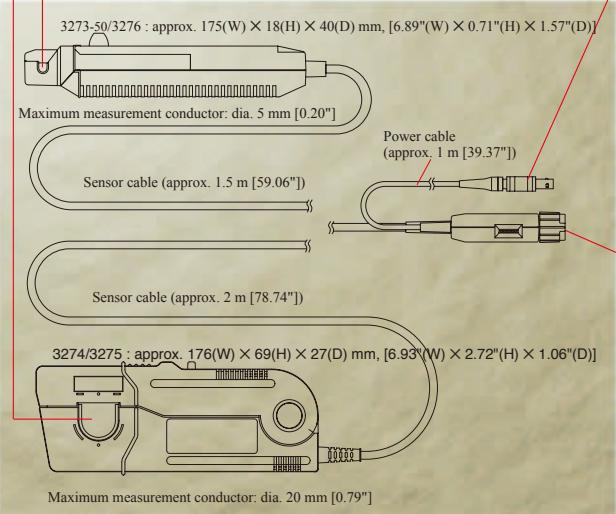


■ 3273-50 / 3276 Specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 6 months)

	3273-50	3276
Frequency bandwidth	DC to 50 MHz (-3 dB) * See Fig. 1 on page 1.	DC to 100 MHz (-3 dB) * See Fig. 1 on page 1.
Rise time	7 ns or less	3.5 ns or less
Continuous maximum input range	30 Arms * Frequency derating see Fig. 2 on page 1.	30 Arms * Frequency derating see Fig. 2 on page 1.
Maximum peak current value	Non-continuous 50 Apeak	Non-continuous 50 Apeak
Output voltage rate	0.1 V/A	0.1 V/A
Amplitude accuracy	±1.0% rdg. ±1 mV (0 to 30 Arms / DC, 45 to 66 Hz) ±2.0% rdg. (30 Arms to 50 Apeak / DC, 45 to 66 Hz)	±1.0% rdg. ±1 mV (0 to 30 Arms / DC, 45 to 66 Hz) ±2.0% rdg. (30 Arms to 50 Apeak / DC, 45 to 66 Hz)
Noise	2.5 mA rms or less (measured with 20 MHz bandwidth equipment)	2.5 mA rms or less (measured with 20 MHz bandwidth equipment)
Input impedance	* See Fig. 3 on page 1.	* See Fig. 3 on page 1.
Sensitivity temperature characteristics	Within ±2% (At 50 Hz/30 Arms input, 0 to 40°C [32 to 104°F])	Within ±2% (from 0 to 40 °C [32 to 104 °F])
Maximum rated power	5.6 VA (Input within the maximum input range.)	5.3 VA (Input within the maximum input range.)
Power supply voltage	±12 V ±0.5 V	±12 V ±0.5 V
Operating temperature and humidity	0 to 40°C [32 to 104°F], 80% rh or less (no condensation)	0 to 40°C [32 to 104°F], 80% rh or less (no condensation)
Storage temperature and humidity	-10 to 50°C [14 to 122°F], 80% rh or less (no condensation)	-10 to 50°C [14 to 122°F], 80% rh or less (no condensation)
Effect of external magnetic fields	Max. 20 mA (equivalent) (DC and 60 Hz, Magnetic field of 400 A/m)	Max. 5 mA (equivalent) (DC and 60 Hz, Magnetic field of 400 A/m)
Max. rated voltage to earth	300 V, CAT-I (insulated conductor)	300 V, CAT-I (insulated conductor)
Measurement conductor	Diameter max. 5 mm [0.20"]	Diameter max. 5 mm [0.20"]
Dimensions and mass	Sensor: approx. 175(W) × 18(H) × 40(D) mm; 230 g [6.89"(W) × 0.71"(H) × 1.57"(D), 8.1 oz.] Termination unit: approx. 27(W) × 55(H) × 18(D) mm [1.06"(W) × 2.17"(H) × 0.71"(D)]	Sensor: approx. 175(W) × 18(H) × 40(D) mm; 240 g [6.89"(W) × 0.71"(H) × 1.57"(D), 8.5 oz.] Termination unit: approx. 27(W) × 55(H) × 18(D) mm [1.06"(W) × 2.17"(H) × 0.71"(D)]
Cable length	Sensor cable: approx. 1.5 m [59.06"] (BNC connector) Power cable: approx. 1 m [39.37"]	Sensor cable: approx. 1.5 m [59.06"] (BNC connector) Power cable: approx. 1 m [39.38"]
Supplied accessories	Soft case × 1	Hard case × 1
Applicable standards	Safety standards	EN 61010 Measurement category I (anticipated transient overvoltage 1500 V), Pollution Degree 2
	EMC	EN 61326 EN 61000-3-2 EN 61000-3-3

• Sensor head

Composed of molded parts, ferrite and Hall elements. The thin-film of the Hall element especially improves detection sensitivity to realize wider bands and high sensitivity monitoring.



• Power supply plug

Connects to the FET probe power supply outlet of an oscilloscope or to the optional 3269 / 3272 power supply unit.
(Provided that connector type, pin assignment, voltage, and capacity rating match, the 3273-50 to 3276 can be powered also from another source. For operation safety, be sure to refer to the specifications to ensure an exact match.)

Power supply plug pin assignment (Plug as seen from the front)



- 1 : Not connected
- 2 : GND
- 3 : V- (-12V)
- 4 : V+ (+12V)

* Connector type: LEMO inc./ FFA.0S.304.CLAC42Z

• BNC output connector

Can be connected directly to the BNC input of an oscilloscope or level recorder or similar device.

Output voltage rate: 0.1 V/A (3273-50 / 3276)
0.01 V/A (3274 / 3275)

(Use only equipment with an input impedance of 1 MΩ or more.)



3274

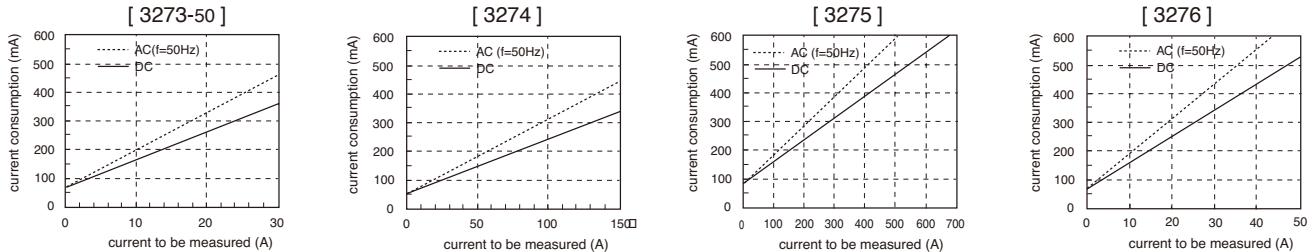
3275

CLAMP ON PROBE 3273-50 to 3276

■ **3274 / 3275 Specifications** (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 6 months)

	3274	3275
Frequency bandwidth	DC to 10 MHz (-3 dB) * See Fig. 1 on page 2.	DC to 2 MHz (-3 dB) * See Fig. 1 on page 2.
Rise time	35 ns or less	175 ns or less
Continuous maximum input range	150 Arms * Frequency derating see Fig. 2 on page 2.	500 Arms * Frequency derating see Fig. 2 on page 2.
Maximum peak current value	Non-continuous 300 Apeak 500 A peak at pulse width of ≤ 30 ms	Non-continuous 700 Apeak
Output voltage rate	0.01 V/A	0.01 V/A
Amplitude accuracy	$\pm 1.0\%$ rdg. ± 1 mV (0 to 150 Arms / DC, 45 to 66 Hz) $\pm 2.0\%$ rdg. (150 Arms to 300 Apeak / DC, 45 to 66 Hz)	$\pm 1.0\%$ rdg. ± 5 mV (0 to 500 Arms / DC, 45 to 66 Hz) $\pm 2.0\%$ rdg. (500 Arms to 700 Apeak / DC, 45 to 66 Hz)
Noise	25 mArms or less (measured with 20 MHz bandwidth equipment)	25 mArms or less (measured with 20 MHz bandwidth equipment)
Input impedance	* See Fig. 3 on page 2.	* See Fig. 3 on page 2.
Sensitivity temperature characteristics	Within $\pm 2\%$ (At 55 Hz/150 A input, 0 to 40°C [32 to 104°F])	Within $\pm 2\%$ (At 50 Hz/500 A input, 0 to 40°C [32 to 104°F])
Maximum rated power	5.5 VA (Input within the maximum input range.)	7.2 VA (Input within the maximum input range.)
Power supply voltage	± 12 V ± 1 V	± 12 V ± 0.5 V
Operating temperature and humidity	0 to 40°C [32 to 104°F], 80% rh or less (no condensation)	0 to 40°C [32 to 104°F], 80% rh or less (no condensation)
Storage temperature and humidity	-10 to 50°C [14 to 122°F], 80% rh or less (no condensation)	-10 to 50°C [14 to 122°F], 80% rh or less (no condensation)
Effect of external magnetic fields	Max. 150 mA (equivalent) (DC and 60 Hz, Magnetic field of 400 A/m)	Max. 800 mA (equivalent) (DC and 60 Hz, Magnetic field of 400 A/m)
Max. rated voltage to earth	600 V CAT-II, 300 V CAT-III (insulated conductor)	600 V CAT-II, 300 V CAT-III (insulated conductor)
Measurement conductor	Diameter max. 20 mm [0.79"]	Diameter max. 20 mm [0.79"]
Dimensions and mass	Sensor: approx. 176(W) \times 69(H) \times 27(D) mm; 500 g [6.93"(W) \times 2.72"(H) \times 1.06"(D), 17.6 oz.] Termination unit: approx. 27(W) \times 55(H) \times 18(D) mm [1.06"(W) \times 2.17"(H) \times 0.71"(D)]	Sensor: approx. 176(W) \times 69(H) \times 27(D) mm; 520 g [6.93"(W) \times 2.72"(H) \times 1.06"(D), 18.3 oz.] Termination unit: approx. 27(W) \times 55(H) \times 18(D) mm [1.06"(W) \times 2.17"(H) \times 0.71"(D)]
Cable length	Sensor cable: approx. 2 m [78.74"] (BNC connector) Power cable: approx. 1 m [39.37"]	Sensor cable: approx. 2 m [78.74"] (BNC connector) Power cable: approx. 1 m [39.37"]
Supplied accessories	Hard case \times 1	Hard case \times 1
Applicable standards	Safety standards	EN 61010 Overvoltage category II, III (anticipated transient overvoltage 4000 V), Pollution Degree 2
	EMC	EN 61326 EN 61000-3-2 EN 61000-3-3

■ Current consumption of the 3273-50 to 3276 (sum of real values).



Power Supply for Clamp-on Probes

POWER SUPPLY 3269, 3272



Combination example of the
3272 + Clamp-on probe

■ Basic specifications

	3269	3272
Compatible sensors	Model CT6700, CT6701, 3273-50, 3274, 3275 or 3276: up to 2 units Model 3273-50, 3274, 3275 or 3276: up to 1 unit Note: May be used with up to 2 units of Model 3273 (not 3276 type), and up to 2 units of Models 3273-50, 3274, 3275 or 3276 on condition that the measurement current is sufficiently low.	Model CT6700, CT6701: up to 2 units Model 3273-50, 3274, 3275 or 3276: up to 1 unit Note: May be used with up to 2 units of Model 3273 (not 3276 type), and up to 2 units of Models 3273-50, 3274, 3275 or 3276 on condition that the measurement current is sufficiently low.
Number of power supply connectors	4	2
Output	± 12 V ± 0.5 V, ± 2.5 A (sum total of all channels)	± 12 V ± 0.5 V, 600 mA (sum total of all channels)
Power supply	100 V to 240 V AC (free) 50/60 Hz 170 VA max.	100 V or 120/220/240 V AC (specify when ordering), 50/60 Hz 20 VA max.
Dimensions and mass	80 mm (3.15 in)W \times 119 mm (4.69 in)H \times 200 mm (7.87 in)D, 1.1 kg (38.8 oz)	73 mm (2.87 in)W \times 110 mm (4.33 in)H \times 73 mm (2.87 in)D, 1.1 kg (38.8 oz)
Accessories	Instruction manual \times 1, Power cord \times 1	Power cord \times 1, Instruction manual \times 1, Spare fuse \times 1

- Power supply for the Clamp on probe 3273-50 - 3276, CT6700 series
- Supplies power when connected to a general-purpose instrument such as a recorder.

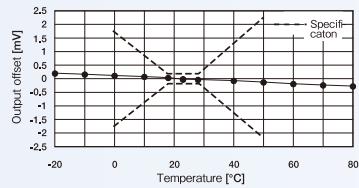
Wide-Bandwidth, High-Precision and Large Current Measurements

AC/DC CURRENT SENSOR CT6865, 9709

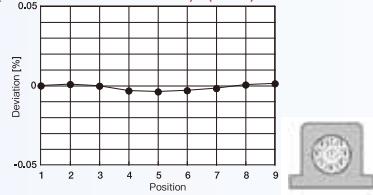


- 1000A large current measuring applications in the fields of electric and hybrid electric vehicles (CT6865)
- Operating temperature range of -30°C to 85°C (CT6865)
- Super high precision, ±0.06% amplitude accuracy, ±0.2° phase accuracy
- Wide-bandwidth DC to 20 kHz (CT6865), 100 kHz (9709) excellent frequency characteristics
- Ideal for evaluation of solar power generation and fuel cells to measure battery charge and discharge and the secondary side of inverters
- For observing waveforms to be used with the oscilloscopes or Memory HiCorders (use with the 9555-10)

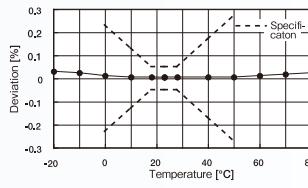
**Offset - Temperature Characteristics
(9709)**



**Effect of conductor position
(the wire 10 mm diameter) (9709)**



**Sensitivity - Temperature Characteristics
(9709)**



Model : AC/DC CURRENT SENSOR CT6865

Model No. (Order Code) (Note)

CT6865 (1000 A AC/DC)

CT6865-05 (1000 A AC/DC, 12 pin terminal)

Model : AC/DC CURRENT SENSOR 9709

Model No. (Order Code) (Note)

9709 (500A AC/DC)

9709-05 (500 A AC/DC, 12 pin terminal)

Delivering Wide-bandwidth and High-precision Current Measurement

AC/DC CURRENT SENSOR CT6862, CT6863



- Super high precision, ±0.06% amplitude accuracy, ±0.2° phase accuracy
- Wide-bandwidth DC to 1 MHz (CT6862) excellent frequency characteristics
- Applications in the fields of electric and hybrid electric vehicles
- Wide operating temperature range fit for automobile applications
- Ideal for evaluation of solar power generation and fuel cells to measure battery charge and discharge and the secondary side of inverters
- For observing waveforms to be used with the oscilloscopes or Memory HiCorders (use with the 9555-10)

Model : AC/DC CURRENT SENSOR CT6862

Model No. (Order Code) (Note)

CT6862 (50 A AC/DC)

CT6862-05 (50 A AC/DC, 12 pin terminal)

■ Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

	CT6862	CT6863
Rated current	50 A AC/DC	200 A AC/DC
Max. allowable input	100 A (requires derating)	400 A (requires derating)
Frequency characteristics	Amplitude: DC to 1 MHz Phase: DC to 300 kHz	Amplitude: DC to 500 kHz Phase: DC to 300 kHz
Amplitude and Phase accuracy	DC ±0.05 % rdg. ±0.01 % f.s. (Phase: Not defined) 16 Hz ≤ f ≤ 400 Hz ±0.05 % rdg. ±0.01 % f.s. (Phase: ±0.2°) Defined to 1 MHz	DC ±0.05 % rdg. ±0.01 % f.s. (Phase: Not defined) 16 Hz ≤ f ≤ 400 Hz ±0.05 % rdg. ±0.01 % f.s. (Phase: ±0.2°) Defined to 500 kHz
Power consumption	5 VA max. (at 200 A/55 Hz, ±12 V power requirement)	6 VA max. (at 200 A/55 Hz, ±12 V power requirement)
Output voltage	2 V/rated current range (voltage output with the Sensor Unit 9555-10, use with a device having a 1 MΩ input resistance or higher)	
Max. rated voltage to earth	AC/DC 1000 V (50/60 Hz, CAT III)	
Core diameter	φ 24 mm (0.94 in)	
Operating temperature, humidity	-30°C to +85°C (-22°F to 185°F), 80% rh or less (with no condensation)	
Power supply	DC ±1 V to ±15 V (Power supplied via the 9555-10, which supports 100 to 240 V AC)	
Dimensions and mass	70 mm (2.76 in)W × 100 mm (3.94 in)H × 53 mm (2.09 in)D, cord length: 3 m (9.84 ft), 340 g (12.0 oz)	70 mm (2.76 in)W × 100 mm (3.94 in)H × 53 mm (2.09 in)D, cord length: 3 m (9.84 ft), 350 g (12.3 oz)
Accessories	Instruction manual ×1, Mark bands ×6	

Model : AC/DC CURRENT SENSOR CT6863

Model No. (Order Code) (Note)

CT6863 (200 A AC/DC)

CT6863-05 (200 A AC/DC, 12 pin terminal)

Shared options for CT6865, 9709, CT6862, and CT6863

Options B			
	CONVERSION CABLE CT9900 Convert HIOKI PL23 (10-pin) to HIOKI ME15W (12-pin) terminal	CONVERSION CABLE CT9901 Convert HIOKI ME15W (12-pin) to HIOKI PL23 (10-pin) terminal	EXTENSION CABLE 9706 Extension for 5 m (16.41 ft) length, HIOKI PL23 (10-pin) - HIOKI ME15W (12-pin) terminal

Options C		
	EXTENSION CABLE CT9902 Extension for 5 m (16.41 ft) length, HIOKI ME15W (12-pin) - HIOKI PL23 (10-pin) terminal	EXTENSION CABLE 9706 Extension for 5 m (16.41 ft) length, HIOKI ME15W (12-pin) - HIOKI PL23 (10-pin) terminal

		
Options A	SENSOR UNIT 9555-10 Power supply for current sensors when used alone	CONNECTION CORD L9217 Cord has insulated BNC connectors at both ends, for signal output, 1.6 m (5.25 ft) length
Options D	CONVERSION CABLE 9705 0.2 m (0.66 ft) length, to connect the CT6841/43/44/45/46, CT6863/65, 9709, 9272-10 to the F/V Unit 8940 Cannot be used in combination with the CT6862	CONVERSION CABLE 9318 To connect the CT6841/43, CT6865/63, 9277/78/79, 9270/71/72 to the 8971/40/51, 38 cm (14.96 in) length

Ideal for Measuring Current with Low Frequencies such as Inverter Control Devices CLAMP ON SENSOR 9272-10



CE
CAT III 600 V

- Superior low frequency and phase characteristics suitable for testing the current and power of inverter control devices
- Wide 1 Hz to 100 kHz frequency bandwidth perfect for harmonic analysis, FFT analysis and waveform monitoring

Model : CLAMP ON SENSOR 9272

Model No. (Order Code) (Note)
9272-10 (20/200 A AC)

Note: This product cannot be used alone. The optional 9555-10 is required in order to supply power and connect the clamp to a Memory HiCorder or other instrument. The clamp can be directly connected to the Power Meter 3193-10, 3193, 3194, and 3390.

Options A					*The 9355 is bundled
	SENSOR UNIT 9555-10 Power supply for current sensors when used alone	CONNECTION CORD L9217 Cord has insulated BNC connectors at both ends, for signal output, 1.6 m (5.25 ft) length	CONNECTION CORD 9165 Cord has metallic BNC connectors at both ends, use at metallic terminal, 1.5 m (4.92 ft) length, not CE marked	CONVERSION CABLE 9318 To connect the CT6841/43, CT6865/63, 9277/78/79, 9270/71/72 to the 8971/40/51, 38 cm (14.96 in) length	

		*The Clamp Sensor 9272-10 has different output wiring than the previous 9272. Both the 9318 and 9705 are required in order to connect to the F/V Unit 8940.
CARRYING CASE 9355 For the 9272-10, 9270s, or other models	CONVERSION CABLE 9705 0.2 m (0.66 ft) length, to connect the CT6841/6843, CT6863/6865, 9709, 9272-10 to the F/V Unit 8940 Cannot be used in combination with the CT6862	EXTENSION CABLE 9706 Extension for 5 m (16.41 ft) length, HIOKI PL23 (10-pin) - HIOKI ME15W (12-pin) terminal

SENSOR UNIT 9555-10

CE



- Power supply for the Current Sensor series when the sensors are used alone

Model No. (Order Code) **9555-10**

■ Basic specifications

Compatible sensor	One of the CT6862 to CT6865 series, CT6841 to CT6846 series, 9709, 9279 to 9277 series, 9272-10, 9270 to 9272 series
Output Terminal	BNC Terminal
Power supply	AC Adapter 9418-15, 100 to 240 V, 50/60 Hz, 20 VA
Dimensions and mass	42 mm (1.65 in)W × 82 mm (3.27 in)H × 132 mm (5.20 in)D, 600 g (21.2 oz)
Accessories	Instruction manual ×1, AC Adapter 9418-15 ×1

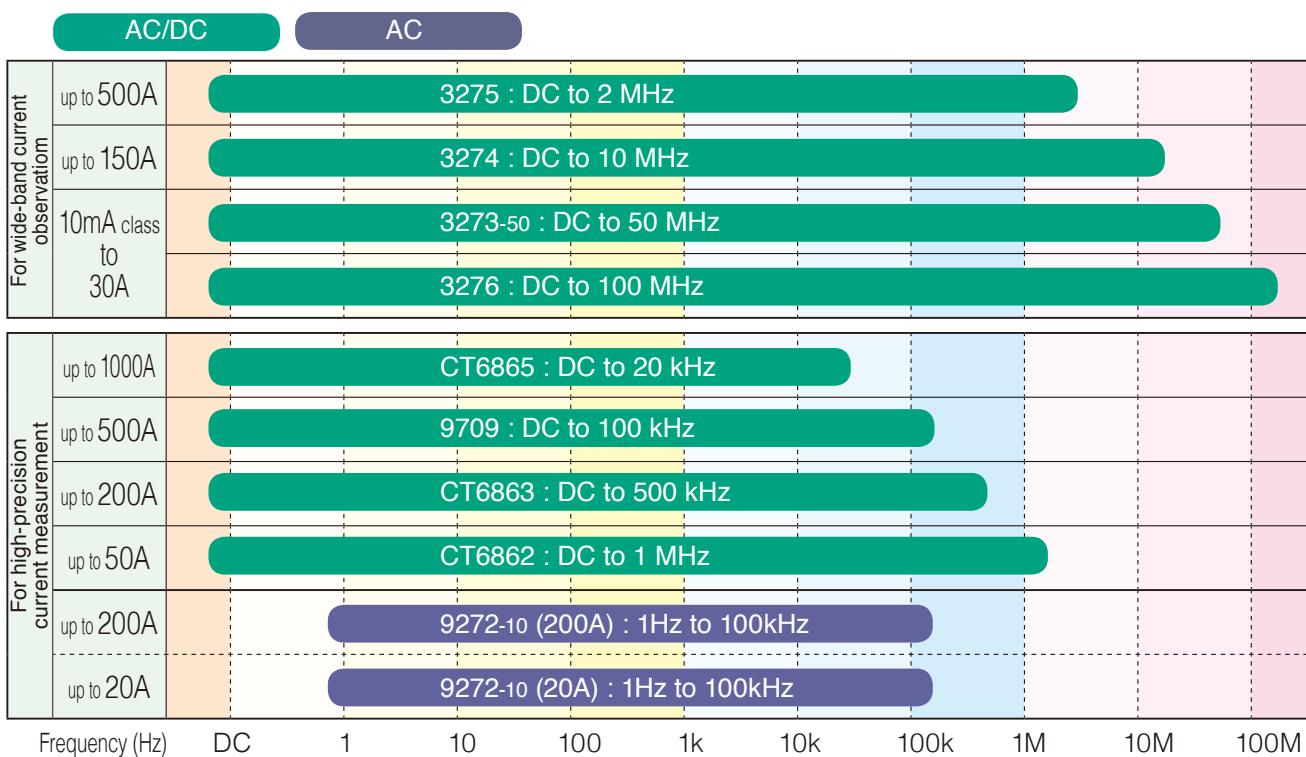
Compatible models...CT6865 (-05), 9709 (-05)

Compatible models	CT6865	CT6865-05	9709	9709-05
Model PW6001	▲ (Requires CT9900) CT ratio: 2	✓	▲ (Requires CT9900)	✓
Model 3390	✓ CT ratio: 2	▲ (Requires CT9901) CT ratio: 2	✓	▲ (Requires CT9901)
Input unit model 9602 for 3193-10/3193/3194	✓ CT ratio: 2	▲ (Requires CT9901) CT ratio: 2	✓	▲ (Requires CT9901)
Model 8971	▲ (Requires 9318) CT ratio: 2	▲ (Requires 9318 and CT9901) CT ratio: 2	▲ (Requires 9318)	▲ (Requires 9318 and CT9901)
Model 8940	▲ (Requires 9318 and 9705) CT ratio: 2	▲ (Requires 9318, 9705, and CT9901) CT ratio: 2	▲ (Requires 9318 and 9705)	▲ (Requires 9318, 9705, and CT9901)

Compatible models...CT6862 (-05), CT6863 (-05)

Compatible models	CT6862	CT6862-05	CT6863	CT6863-05
Model PW6001	▲ (Requires CT9900)	✓	▲ (Requires CT9900)	✓
Model 3390	✓	▲ (Requires CT9901)	✓	▲ (Requires CT9901)
Input unit model 9602 for 3193-10/3193/3194	✓	▲ (Requires CT9901)	✓	▲ (Requires CT9901)
Model 8971	▲ (Requires 9318)	▲ (Requires 9318 and CT9901)	▲ (Requires 9318)	▲ (Requires 9318 and CT9901)
Model 8940	N/A	N/A	▲ (Requires 9318 and 9705)	▲ (Requires 9318, 9705, and CT9901)

■ Rated current & Frequency characteristics



Wide-Band Current Probe Allows Direct Input to Oscilloscope

CLAMP ON PROBE 3273-50, 3274, 3275, 3276



Model : CLAMP ON PROBE 3273

Model No. (Order Code) (Note)
3273-50 (DC to 50 MHz, 30 Arms)

Model : CLAMP ON PROBE 3274

Model No. (Order Code) (Note)
3274 (DC to 10 MHz, 150 Arms)

Model : CLAMP ON PROBE 3275

Model No. (Order Code) (Note)
3275 (DC to 2 MHz, 500 Arms)

Model : CLAMP ON PROBE 3276

Model No. (Order Code) (Note)
3276 (DC to 100 MHz, 30 Arms)

Note: Use the Power Supply 3269/3272 for general measurements or when power is not available from the Memory Hicorder. When performing continuous measurements, be aware of offset voltage drift.



⚠ WARNING



1. To avoid short circuits and electric shock accidents when using a clamp-on sensor, use only with power lines carrying voltages within the rating limit of the sensor.
2. To avoid short circuits and electric shock accidents when the clamp-on sensor is open, do not use on bare conductors.

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