

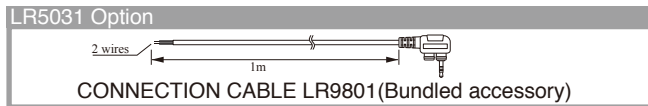



Product Specifications (Product guaranteed for 1 year, Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year) See page 6 for Common specifications




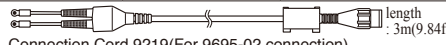


Physical appearance		
Model	INSTRUMENTATION LOGGER LR5031	VOLTAGE LOGGER LR5041, LR5042, LR5043
Features	For recording 4-20 mA instrumentation signals, etc.	For recording instrumentation signals and measuring analog outputs from sensors and other devices
Measurement items	For Instrumentation / 0 to 20 mA DC, 1ch	DC voltage 1ch
Measurement range	DC -30.00 to 30.00 mA	LR5041: -50.00 mV to 50.00 mV LR5042: -5.000 V to 5.000 V LR5043: -50.00 V to 50.00 V
Accuracy	±0.5% rdg. ±5 dgt. (@23°C ±5°C)	±0.5% rdg. ±5 dgt. (@23°C ±5°C)
Waterproof and dust-proof performance	IP54 (splash-proof construction)	
Operating temperature and humidity	-20°C(-4°F) to 70°C(158°F) , 80% RH or less (non-condensating)	
Dimensions & Mass	Approx. 79 mm (3.11 in)W × 57 mm (2.24 in)H × 28 mm (1.10 in)D, 105 g (3.7 oz)	
Power supply	LR6 (AA) Alkaline battery 1.5 V×1	
Accessories	Connection Cable LR9801×1, Kickstand	Connection Cable LR9802×1, Kickstand
	LR6 (AA) Alkaline battery 1.5 V×1, Instruction manual×1, Operation manual×1	
Battery life	Case 1 : Approx. 2 years Case 2: Approx. 2 months Case 1 : 1min. recording interval, power-saving mode, Instantaneous recording, environmental temp.20°C Case 2 : 1 sec. recording interval, power-saving mode, Instantaneous recording, environmental temp.20°C	
Other	-	Preheat function (When using preheat function, a separate external power supply is required.)



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Physical appearance		*Sensor is sold separately. *For customers using the previous Model 3636-20 Clamp Logger, please note the difference in recordable average data points available in the LR5051. (Please refer to page 4.)
Model	CLAMP LOGGER LR5051	
Features	Recording load current of 50Hz/60Hz Recording leak current *Current and leak current that occur intermittently cannot be measured. The Clamp Logger LR5051 may be affected by high-frequency noise during leak current measurement. Please contact Hioki for more information if you plan to use the instrument in an environment where it would be affected by such noise.	
Measurement items	AC Current (2 channels)	
Measurement range	When Using 9669 : 1000 A range When Using CT6500 : 50.00 A / 500.0 A range When Using 9695-02 : 5.000 A / 50.00 A range When Using 9675 : 500.0 mA / 5.000 A range When Using 9657-10 : 500.0 mA / 5.000 A range	
Accuracy	±0.5% rdg. ±5dgt. + Clamp sensor accuracy	
Waterproof and dust-proof performance	Not waterproof	
Operating temperature and humidity	-0°C (32°F) to 50°C (122°F) , 80% RH or less (non-condensating)	
Dimensions & mass	Approx. 79 mm (3.11 in)W × 70 mm (2.76 in)H × 37 mm (1.46 in)D, 165 g(5.8 oz)	
Power supply	LR6 (AA) Alkaline battery 1.5V × 2	
Accessories	LR6 (AA) Alkaline battery 1.5V × 2 Instruction manual ×1, Operation manual×1	
Battery life	Case 1 : Approx. 1 years Case 2: Approx. 1 months Case 1 : 1min. recording interval, power-saving mode, Instantaneous recording, environmental temp.20°C Case 2 : 1 sec. recording interval, power-saving mode, Instantaneous recording, environmental temp.20°C	

LR5051 Options

Load current	Cord length : Approx. 3m	Cord length : Approx. 3m	Connection cord 9219 is required (sold separately)
Physical appearance			
Model	CLAMP ON SENSOR 9669	CLAMP ON SENSOR CT6500	CLAMP ON SENSOR 9695-02
Measurable conductor diameter	φ55 mm (2.17") or less, 80 (3.15")×20 (0.79")mm busbar	φ46 mm (1.81") or less	φ15 mm (0.59") or less
Primary current rating	1000 A AC	500 A AC	50 A AC
Accuracy (45Hz to 66Hz)	±1.0% rdg. ±0.01% f.s.	±1.5% rdg. ±0.03% f.s.	±0.3% rdg. ±0.02% f.s.
Maximum rated voltage to earth	CAT III 600 V rms	CAT III 600 V rms	CAT III 300 V rms
Maximum allowable input (45 to 66 Hz)	1000 A continuous	600 A continuous	60 A continuous
Dimensions & mass	99.5 (3.92")W × 188 (7.40")H × 42 (1.65")D mm, 590 g (20.8 oz.)	77 (3.03")W × 151 (5.94")H × 42 (1.65")D mm, 360 g (12.7 oz.)	51 (2.01")W × 58 (2.28")H × 19 (0.75")D mm, 50 g (1.8 oz.)
	 Connection Cord 9219 (For 9695-02 connection) length : 3m(9.84ft)		
Load current	Cord length : Approx. 3m	Cord length : Approx. 3m	
Physical appearance			
Model	CLAMP ON LEAK SENSOR 9675	CLAMP ON LEAK SENSOR 9657-10	
Measurable conductor diameter	φ30 mm	φ40 mm	
Primary current rating	5 A AC (Using with LR5051)	5 A AC (Using with LR5051)	
Accuracy (45Hz to 66Hz)	±1.0% rdg. ±0.005% f.s.	±1.0% rdg. ±0.05% f.s.	
Lag current	1 mA (When 10 A AC is input)	5 mA (When 100 A AC is input)	
Measurable conductor	Insulated conductor	Insulated conductor	
Maximum allowable input (45 to 66 Hz)	10A continuous	30A continuous	
Dimensions & mass	60 (2.36")W × 113 (4.45")H × 24 (0.94")D mm, 160g (5.6 oz.)	74 (2.91")W × 145 (5.71")H × 42 (1.65")D mm, 380g (13.4 oz.)	

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