

NEW

Quality and reliability is our tradition.



ISO 9001/EN 29001/BS 5750
APPROVED BY BVQI



KYORITSU

ALL WEATHER DIGITAL CLAMP METER FOR AC LEAKAGE AND AC CURRENT MEASUREMENTS



True RMS
φ40
0.1mA~500A

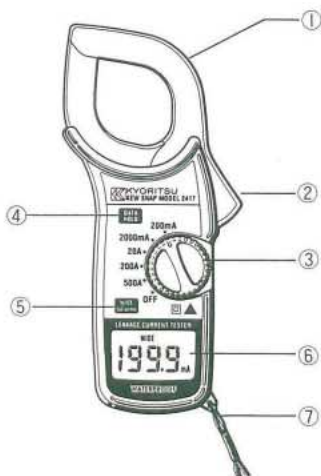
**Water and
dust proof
IP57**

- WATER AND DUST PROOF CONSTRUCTION. THE INSTRUMENT IS PROTECTED AGAINST WATER AND DUST.
- TRUE RMS FOR ACCURATE MEASUREMENT OF SINUSOIDAL WAVEFORM CURRENT.
- AC CURRENT RANGES FROM 200mA TO 500A.
- SELECTABLE FREQUENCY RESPONSE OF 50/60Hz ONLY OR UP TO 1kHz.
- DATA HOLD FUNCTION TO ALLOW FOR EASY READINGS IN DIMLY LIT OR HARD-TO-REACH LOCATIONS.
- LARGE EASY-TO-READ DISPLAY.
- AUTOMATICALLY TURNS POWER OFF IN ABOUT 30 MINUTES TO CONSERVE BATTERY LIFE.

KEW SNAP
MODEL 2417

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

INSTRUMENT LAYOUT



- ① Transformer Jaws
- ② Jaw Trigger
- ③ POWER/Range Switch
- ④ Data Hold Push Button
- ⑤ Frequency Selector Switch
- ⑥ Digital Display
- ⑦ Safety Hand Strap

FEATURES

- Model 2417 offers True RMS measurement capability.
- Designed for measurements of AC leakage and AC current with five ranges from 200 mA to 500 A. AC 200mA range provides a high resolution of 0.1 mA.
- Least affected by external magnetic field.
- Provides dual frequency responses of fundamental 50/60 Hz only or up to 1 kHz. The frequency response of up to 1 kHz permits measurements of current with harmonics superimposed on the fundamental frequency. High frequency current from appliances such as inverters, switching regulators etc. can therefore be measured.
- Designed to international safety standard (IEC1010 Voltage CAT II)

SPECIFICATIONS

at 23±10°C, 85% relative humidity

Ranges		Accuracy	
		Frequency Selector Switch	
		WIDE (40Hz~1kHz) position	50/60Hz position
200mA	0-199.9mA	±1.0%rdg ±4dgt (50/60Hz)	±1.5%rdg ±6dgt
2000mA	0-1999mA	±3.0%rdg ±4dgt (40Hz~1kHz)	±1.5%rdg ±6dgt
20A	0-19.99A	±1.5%rdg ±4dgt (50/60Hz)	±2.0%rdg ±6dgt
200A	0-199.9A	±3.5%rdg ±4dgt (40Hz~1kHz)	±2.0%rdg ±6dgt
500A	0-500A	±2.0%rdg ±4dgt (50/60Hz)	±2.5%rdg ±6dgt
		±4.0%rdg ±4dgt (40Hz~1kHz)	

- Operating System:** Dual Integration
Sensing: True RMS sensing
Digital Display: 3-1/2 digit liquid crystal display with maximum reading of 1999
Overrange Indication: Numeral "1" on the highest digit flashes
Response Time: Approx 2 second
Sample Rate: Approx. three times per second
Data Hold: For all ranges. In Data Hold mode, "H" symbol is displayed on the digital display
Low Battery Indicator: "B" symbol is displayed on the digital display.
Storage Temperature and Humidity: -10°C ~50°C at 75% max. relative humidity without condensing
Operating Temperature: 0~40°C
Power Source: one 6F22 (DC9V) battery or equivalent
Current Consumption: Approx. 4 mA
Auto Power Off: Automatically turns power off in approx. 30 minutes after the instrument is powered
Insulation Resistance: 10MΩ min. at 1000V between electrical circuit and housing case, and electrical circuit and transformer jaws
Withstand Voltage: 3700 V AC for 1 minute between electrical circuit and housing case as well as electrical circuit and transformer jaws
Conductor Size: Approx. 40 mm diameter max.
Dimensions: 209 (L)×96 (W)×45 (D) mm
Weight: 450 g approx. (battery included)
Accessories: 6F22 battery
 Carrying Case
 Instruction manual
Optional Accessories: Multi-Tran Model 8004 and 8008 (not designed for use in AC leakage current measurement)



Model 2413F



Model 2412



Model 2414



Model 2415

INSTRUMENTS FOR AC LEAKAGE AND AC CURRENT MEASUREMENTS FROM 0.01mA TO 1000A CLAMP METER SERIES

DISTRIBUTOR



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