



AC High Voltage Clamp Meter

HCL-7000DX-M

Use on the overhead distribution line or the primary side of transformer up to max 23kV for load current measurement.

FEATURES AND BENEFITS

- ◆ Display measurement value on the LCD of body and dedicated display unit MDU series through blue-tooth connecting.
- ◆ Suitable use to check for the defect analog tachometer on wattmeter of transformer



Specifications

Measuring Function	AC load current
CT Shape	Round Shape
CT Inside Diameter	35mm
Measuring Range	20A/200A/600A (Auto)
Accuracy	20A/200A range: $\pm 2.5\%$ rdg ± 8 dgt 600A range: $\pm 2.5\%$ rdg ± 8 dgt in 200A ~ 399A $\pm 3.0\%$ rdg ± 8 dgt in 400A ~ 600A
Resolution	20A range: 0.01A 200A range: 0.1A 600A range: 1A
Applicable Frequency	50-60Hz
Sampling rate	Two times / second
Insulation resistance	100M Ω or more by DC 1000V insulation tester (Between hot stick grip to the universal joint)
Limitation on Circuit Voltage	AC 23kV when connected to the hotstick with more than 1m.
Withstanding Voltage	AC 24kV when connected to the hotstick with more than 1m.
Operating Temp & Humidity	0deg C~40degC, 80%RH or less
Storage Temp & Humidity Range	-10deg C~60deg C, 80%RH or less
Power Supply	AAA(LR03) size battery $\times 3$
Dimension/Weight	W66 \times H215.4 \times D55mm(Not including the universal joint) Approx 400g (including battery weight)



Display unit for the Bluetooth connecting instrument

MDU-200X

"Multi-Tracer" connection measuring instrument remote display device

FEATURES AND BENEFITS



- Max hold function for HCL-36UX(including slim ver) and ALCL-80X
- Harmonics current display function for ALCL-80X
- Data hold function available
- Record function available
- Recorded values can be saved in 4 spaces for Three phase 4 line measurement
- The measured value can be displayed remotely and separately from the display of the measuring instrument
- Easy to read large display

Specifications

Receiving Interval	Approx 0.5s Intervals
Auto Power Function	<ul style="list-style-type: none"> • When the APO mark is lighting, the power is automatically turned off approx.30min after the last switch operation • This function is disabled during communication connection (when the APO mark is off)
Data Hold function	Pressed Switch for holding value
Over Range Indication	Same as other Connected measuring instruments
Data Hold Indication	"DH" mark on LCD with data hold value
Max (Peak) hold Function	Only HCL-36UX and ALCL-80X can be used "MAX" mark on LCD with data hold value
Record function	<ul style="list-style-type: none"> • Data can be retained even when power off • Recorded data can be saved onto the 4 data spaces every time pressing the Storage switch
Harmonics current display Function	Only ALCL-80X can be used The RMS→fundamental →third harmonic measurement value is displayed
Low Battery indication	"Battery" icon on LCD
Operating Temperature	Same as other connected measuring instruments
Storage Temperature	Same as other connected measuring instruments
Power Supply	AAA alkali Battery x 3
Size	76(W)x97(H)x50.4(D)mm
Weight	Approx. 180g (with batteries inside)
Accessories	Instruction manual:1 Batteries:3