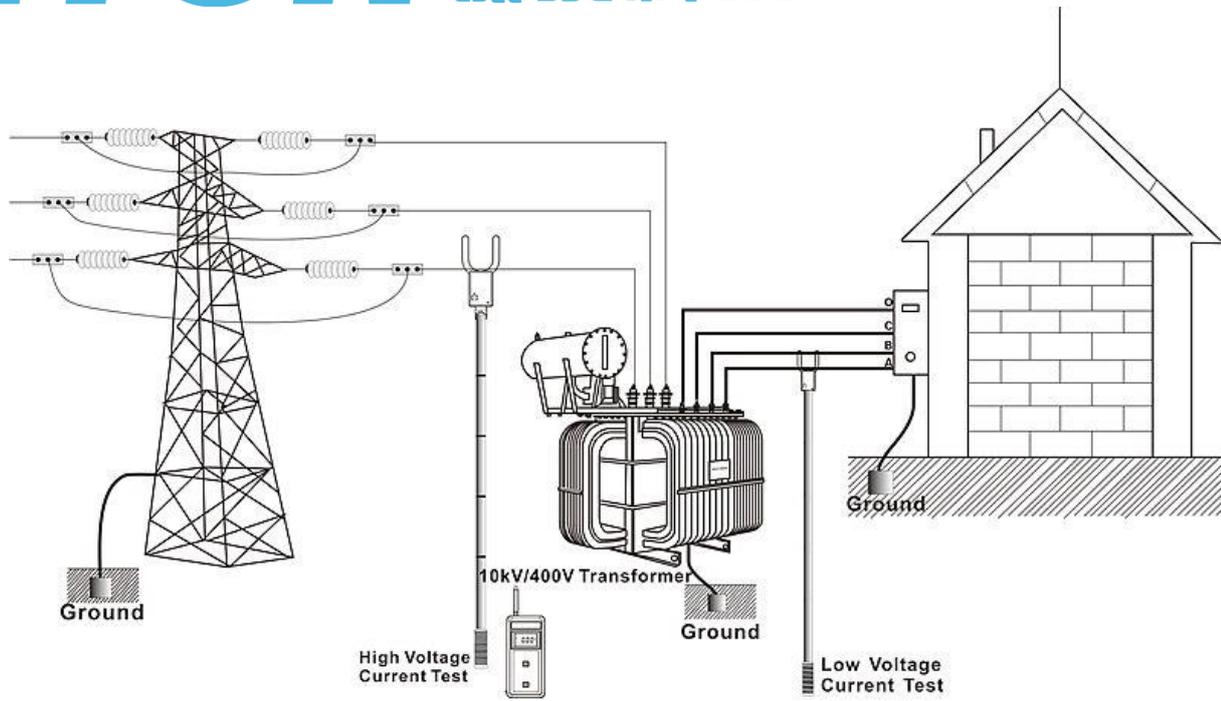




ETCR9310B Large Caliber Wireless H/L Voltage U-Type Current Meter break through the traditional structure, specially designed and manufactured for measuring high voltage current, the unique u-type opening structure realizes the unimpeded measurement, and the field test is very convenient. The meter is composed of special large-caliber U-type ammeter with high-voltage insulation rod, equipped with wireless receiver, which can receive measured data within 100 meters straight, current range: AC 0.00A-9999A. For low voltage lines below 600V, the line current can be measured directly by hook meter without insulation rod.

ETCR9310B Large Caliber Wireless H/L Voltage U-Type Current Meter is used for current measurement of high voltage circuit below 550kV (should connect insulation rod to use). Below 600V circuit no need the insulation rod, and use the u-type current meter to measure directly. The meter has data hold and data storage function. Insulation rod is equipped with adjustable interface, u-type clamp the measured wire by insulation rod is very convenient, save time and faster. Widely used in substation, power plant, industrial and mining enterprises, detection stations, electrical maintenance departments for current detection and field electrical work etc.

It can also replace the H/L voltage turns ratio tester, which can measure the H/L voltage current of the primary circuit and secondary circuit respectively, and then calculate to get the H/L voltage turns ratio. Insulation rod is portable, with moisture-proof, high temperature resistance, impact resistance, bending resistance, high insulation, telescopic and other characteristics.



Specification

Function	High voltage AC current measurement, low voltage AC current and online AC current monitoring
Power Supply	6V DC(LR03×4 alkaline dry batteries)
Test Mode	Non-contact U-type CT
Transmission Mode	433MHz wireless transmission, transmission distance is about 100 meters
Display Mode	4-digit LCD display, backlight function, suitable for measurement in dark place
LCD Size	47mm×28.5mm
Meter Size	Detector:107mm×252mm×31mm Receiver:78mm×165mm×42mm
CT Size	Φ 68mm
Insulation Rod Dimension	Φ45mm, Contraction state: 1150mm; Stretched state: 5000mm.
Insulation Rod Voltage Level	110KV
Sampling Rate	2 times / second
Measurement Range	0.00A~9999A(50/60Hz automatic)
Resolution	0.01A
Shift	0.00A~9999A automatic shift
Test Accuracy	±2%±5dgt (The wire is near the center of the bottom end of the U-type clamp,23°C±2°C)
Position Error	The measured conductor should be located as close as possible to the center of the bottom end of the U-type clamp.

Data Storage	99 groups , in storage process “MEM” symbol display, “FULL” symbol flash display indicate storage is full
Line Voltage	Below 110kV current test , operate with insulation rods (below 500kV can be customized)
Data Hold	In general test mode, press HOLD key to hold data, “HOLD” symbol display. press HOLD Key once again to cancel this function
Data Access	“MR” symbol display, it can look over all the stored data
Overflow Display	Exceed measurement range overflow function: “OL A” symbol display
No Signal Indication	When the receiver has not received transmit signal, dynamic display “no-”symbol
Automatic Shut Down	15 minutes after boot up, the meter shuts down automatically without any operation, to reduce battery consumption
Battery Voltage	When battery voltage is lower than 4.8V±0.2V, low battery voltage symbol will display and remind to replace battery.
Meter Weight	Detector: 235g; Receiver: 280g Meter total weight: 2300g
Working Temperature	-10°C ~ 40°C; Below 80%Rh
Store Environment	-10°C~60°C; Below 70%rh
Interference	Should try to avoid 315MHz, 433MHz same-frequency signal interference
Insulation Strength	AC 220kV/rms(The telescopic insulation rod is fully opened between the two ends)
Structure	Anti-Dripping Type II

Application

Model	Description	Range	Resolution	CT Size	Insulation Rod length	Note
ETCR9310B	Large Caliber Wireless H/L Voltage U-Type Current Meter	AC0.00A ~9999A	0.01mA	Φ48mm	5m	wireless transmission
ETCR9330B	Large Caliber Wireless H//L Voltage Hook Type Current Meter	AC0.00A ~9999A	0.01mA	Φ128mm	5m	wireless transmission

Relate Model

Detector	1 PCS
Receiver	1 PCS
Wireless Antenna	1 PCS
Stretch Insulation Rod (4.5m)	1 PCS
Meter Case	1 PCS

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Manual/Warranty
Card/Certificate

1 SET

