

# ETCR<sup>®</sup> ETCR9500B Wireless High Voltage CT Transformation Ratio Tester

## Product Function

Measurement of primary and secondary circuit current, transformation ratio, polarity and phase of current transformers below 35kV.

## Product Features

1. Current clamp adopts high performance Permalloy core and magnetic shield technology, with strong anti-interference, high accuracy and test of stability.
2. Primary high voltage current clamp adopts innovative automatic plug and pull structure makes it easy to clamp or withdraw the tested wire by pressing or pulling the insulation rod, saving time and convenient.
3. Primary high voltage current clamp adopts wireless transmission mode, transmission distance 100M
4. Data hold function, data storage function, data upload function



## Technical Specification

<b>Model</b>	ETCR9500B
<b>Primary Current Test Accuracy</b>	Range: 0.0A~800A; Resolution: 0.1; Accuracy: $\pm 0.5\%FS$ ( $23^{\circ}C \pm 3^{\circ}C$ , below 70%RH, the conductor should be in the center of the clamp)
<b>Secondary Current Test Accuracy</b>	Range: 0.00mA~5A; Resolution: 0.01mA; Accuracy: $\pm 0.5\%FS$
<b>Transformation Ratio Measurement Range</b>	1~9999
<b>Power Supply</b>	DC6V alkaline batteries LR03 (1.5V AAA X4)
<b>Host Dimension</b>	78mmX165mmX42mm
<b>Primary HV Current Clamp Size</b>	Jaw Size: $\phi 48mm$ Shape Size: 255mmX84mmX39mm
<b>Secondary LV Current Clamp Size</b>	Jaw Size: $\phi 16mm$ Shape Size: 110mmX53mmX22mm
<b>Insulation Rod Dimension</b>	4300mm
<b>Insulation Rod Withstand Voltage</b>	110kV
<b>Weight</b>	6.14kg (include accessories)
<b>Sampling Rate</b>	2 times/second
<b>Primary Current Clamp Transmission Distance</b>	Wireless transmission distance 100m
<b>Secondary Current Clamp Connection Cable Length</b>	2m
<b>Data Storage</b>	3000 groups, Press the left arrow key to keep the data and store automatically (Power down or replace the battery will not lose data)
<b>Data Hold</b>	Press the left arrow key to hold data, "HOLD" symbol display, press "HOLD" key once again cancel the hold function
<b>Data Access</b>	Press the right arrow key enter into data access mode
<b>Data Upload</b>	With USB interface, communication cable and software, storage data can be uploaded to computer for reading, saving, printing and so on.
<b>Overflow Display</b>	Exceed measure range overflow function: "OL" symbol display
<b>No Signal Indication</b>	When the receiver has not received transmit signal, dynamic display "no- -"symbol.
<b>Automatic Shut Down</b>	15 minutes after boot up, the meter shuts down automatically without any operation
<b>Battery Voltage</b>	When battery voltage is lower than $5.2V \pm 0.3V$ , low battery voltage symbol " $\square + \square$ " will display and remind to replace battery.
<b>External Interference</b>	Should avoid extremely strong electromagnetic fields, avoid 315MHz, 433MHz same-frequency signal interference
<b>Working Temperature</b>	$-15^{\circ}C \sim 50^{\circ}C$ ; Below 70%RH
<b>Accessories</b>	Receiver: 1PCS; Primary current clamp: 1PCS; Secondary current clamp: 1PCS; USB special communication cable: 1PCS; Telescopic insulating rod: 1PCS; Tool bag: 1PCS; Alkaline batteries LR03: 8PCS