

ETCR4300 Three Phase Digital Phase Volt-Ampere Meter



Product Function

In the case of the test circuit is not open, Measure 3-phase AC voltage, current, phase between voltage, phase between current, phase between voltage and current, frequency, phase sequence, active power, reactive power, apparent power, power factor, current vector sum simultaneously, judge the wiring type of transformer, inductive and capacitive circuits, Test the secondary circuit and bus differential protection systems, read travel Protection phase relationship between the CT group, check the meter wiring is correct or not, repair lines and other equipment

Product features

1. Intelligent design, reducing the cumbersome nature of the operation, reducing the possibility of misuse, with high precision, high stability, low power consumption, ease of use.
2. Using a voltage transformer and current clamp input mode, the machine without high pressure, between two inputs fully isolated, secure and reliable.
3. Test line using a dedicated power cable, Plugs and alligator clips are insulated protection. Instrument insulated jacket slip
4. With a USB interface, Data storage: 500 sets. Through the system software to upload the stored data to a computer, easy to read, save, report, print historical data.

Technical Specification

Model	ETCR4300		ETCR4400	
				
Clamp Size	Φ8mm		35mm×40mm	
Weight	1310g(with battery)		1360g(with battery)	
Range, Resolution, Error (Under reference conditions)	Voltage Range: AC 0.00V~600V		Resolution: AC 0.01V	Error: ±0.5%
	Current Range: AC 0.0mA~20.0A		Resolution: AC 0.1mA	Error: ±0.5%
	Phase Range: 0.0°~360.0°		Resolution: 0.1°	Error: ±1°
	Frequency Range: 45.00Hz~65.00Hz		Resolution: 0.01Hz	Error: ±1.0%
	Active power Range: 0.0W~12kW		Resolution: 0.1W	Error: ±1.0%
	Reactive power Range: 0.0VAR~12kVAR		Resolution: 0.1VAR	Error: ±1.0%
	Apparent power Range: 0.0VA~12kVA		Resolution: 0.1VA	Error: ±1.0%
	Power factor Range: -1~+1		Resolution: 0.001	Error: ±0.03
	Current vector Range: 0mA~60.0A		Resolution: 1mA	
Power Supply	DC9V Alkaline batteries (LR6 1.5V AA×6)			
Dimension	196mm×92mm×54mm			
Detection rate	About 2 seconds /time			
Data storage	500 sets			
Automatic shut-down	Boot about 15 minutes, the instrument automatically shut down to reduce battery consumption			
Voltage detection	When the battery voltage is lower than 7.2V, low battery symbol appears, reminding replacement battery			
input resistance	Test voltage input impedance: 1MΩ			
Accessories	Host: 1pcs; Current Clamp: 3pcs; Test line: 4pcs; USB cable: 1pcs; Software CD:1pcs; meter box: 1 piece			

