

YC-98CVO

Portable CT/VT Analyzer



Features and Functions

- ★ A comprehensive solution for testing all CT types (including TP class) and PTs, covering excitation curves, ratio/polarity checks, winding resistance, burden, and phase errors.
- ★ Automatically give CT, VT parameters, including knee point voltage / current, 10% error curve, the accuracy limit factor, instrument security factor, the second time constant, remanence coefficient, saturated and unsaturated inductance etc.
- ★ Testing complies with various transformer standards and can automatically select testing standard based on transformer type and grade.
- ★ Features low-frequency technology for high-voltage CT testing (knee voltage up to 60KV).
- ★ User-friendly interface, 2,000 non-volatile data storage slots, and USB export for PC analysis/Word reporting.
- ★ Easy to operate and carry.

Specifications

YC-98CVO		
Output		0~180Vrms, 12Arms, 36A (peak value)
Voltage measurement accuracy		±0.05%
CT Ratio	Range	1~40000
CT Ratio Error	accuracy	±0.05% (0.2%, 0.1% optional)
CT Phase Error	Range	±5min
	accuracy	0.5min
PT Ratio	Range	1~40000
PT Ratio Error	accuracy	±0.2% (0.1% optional)
PT Phase Error	Range	±5min
	accuracy	0.5min
DC resistance	Range	0~300Ω
	accuracy	2%±2mΩ
Burden	Range	0~300VA
	accuracy	2%±0.2VA
Power supply		AC220V±10%, 50Hz
Environmental Conditions		Operating temperature:-10°C ~50°C, Humidity:≤90%
Weight and Dimensions		Dimensions:340mm x220mmx330mm, Weight<9kg
Aluminum alloy box dimensions		430mm x270mm x500mm