



GDHG-108A CT/PT Analyzer



Product Description

GDHG-108A CT/PT Tester supports test voltage method to test bushings CTs which installed on transformer or inside switch-gear, suitable for the laboratory and on-site detection.

It can be easily and conveniently done voltage current characteristic, transformer ratio, ratio and phase angle error, load test items on CT/PT.

Features

- Using the voltage detection principle to measure CT and PT.
- To meet the requirements of GB1207, GB1208, GB168-47 (IEC60044-1.6) and other standards.
- No external auxiliary equipment, a single machine can complete all test items.
- With high speed micro printer: real-time print the test result.
- Using intelligent controller, operation is simple.
- 5inch LCD screen display.
- Automatically given CT/PT (excitation) knee point value.
- Auto display 5% and 10% error curve.
- Save 3000 groups data, it won't lost after power off.
- With USB port. The data can be saved in USB disk and read by PC (WORD format file).
- Light weight, less than 22 kg, suitable for onsite testing.

Specifications

Main functions

CT (voltage detection)	PT
• Voltage current characteristic curve (excitation characteristic)	• Voltage current characteristic curve (excitation characteristic)
• Auto calculate knee point value	• Auto calculate knee point value
• Auto display 5% and 10% error curve	• Turns ratio measurement
• Turns ratio measurement	• Polarity determination
• Polarity determination	• AC Hipot Test

• AC Hipot Test	• Demagnetization of iron core
• Demagnetization of iron core	• Voltage multiple can be adjusted (1.2-2.5times) in PT VA characteristic test
• Accurate limit factor(ALF) measurement	

Main parameters

Item		Parameter
Power supply		AC220V±10%, 50Hz
Output		0-1000Vrms(20A peak)
Accuracy of excitation measurement		≤ 0.4% of the reading+0.6% of the range
CT turns ratio measurement	Range	≤3000A/1A(15000A/5A)
	Accuracy	±1.0%
PT turns ratio measurement	Range	≤500 KV
	Accuracy	±1.0%
Operation environment		Temperature: -10°C ~ 40°C, humidity: ≤90%, Altitude: ≤1000 m
Dimension&Weight		440*360*340 mm, ≤ 22 Kg

Accessories

CT/PT Tester	1 piece
Test Lead	1 set
Earth cable	1 piece
Power cord	1 piece
2A fuse	2 pieces
User's guide	1 copy
Factory test report	1 copy