



## GDHG-106B CT/PT Analyzer for Lab and on-site Test



### Product Description

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Suitable For All Types Of CT And PT.

For Laboratory And On-Site Test.

### Features

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- Finish all testing subject by itself, no need to connect auxiliary equipment.
- Built-in printer, to print results easily.
- Large screen LCD, graphically display.

- Auto display excitation knee point value, 5% and 10% error curve.
- Save 3000 groups data.
- With USB port. The data can be saved in USB disk and read by PC(WORD format file).
- Portable design about 35kg, suitable for on-site test.
- Engineering plastic box with damping, strong and reliable.

## Specifications

CT ( protection type, measurement type)	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
Ratio e rror measurement	Ratio e rror measurement
Phase measurement ( angular difference )	Phase measurement (angular difference)
Polarity determination	AC withstand test
Primary current injection test	Secondary winding resistance measurement
AC withstand test	Secondary burden measurement

Secondary winding resistance measurement	D emagnetizatio n of iron core
Secondary burden measurement	
D emagnetizatio n of iron core	

### Main Parameters

Item		Parameter
Power supply		AC220V±10%, 50Hz
Output		0 - 2500 Vrms, 5Arms ( 20 A peak )
Output current		0-1000A
Accuracy of excitation		≤0.5% (0.2%*the reading+0.3%*range)
Secondary winding resistance measurement	Range	0 ~ 30 0Ω
	Accuracy	≤0.5% (0.2%*the reading+0.3%*range)
Secondary actual burden measurement	Range	0-10 00VA
	Accuracy	≤0.5% (0.2%*the reading+0.3%*range) ± 0.1VA
Accuracy of angular error		4 min
Accuracy of ratio error		0.05%
CT ratio measurement	Range	25000A/5A ( 5000A/1A ) ≥ 5A/5A

	Accuracy	≤0.5%
PT ratio measurement	Range	≤ 500KV
	Accuracy	≤0.5%
Operation environment		Temperature: - 10°C - 40°C, Humidity: ≤90%, Altitude: ≤1000m
Dimension&Weight		Dimension: 440mm × 340mm × 380mm Weight: ≤ 35 Kg