GF333B

Three Phase Reference Standard Meter

GF333B is a portable reference standard meter used to test three phase meters and single phase meters, it designed to work both in the field and in the laboratory.

Features

1. High accuracy up to 0.05%
2. Wide testing range: voltage 5V-480V, current 1mA-120A
3. Testing type: 3 phase 4 wire, 3 phase 3 wire
4. Testing mode: active power, reactive power, apparent power
5. Harmonic analysis function
6. Waveform display function
7. Vector diagram function
8. Energy accumulating function
9. Internal pulse input port, testing meter's error directly

Parameters

Electrical parameters	
Accuracy class	0.05%
Voltage supply	220V±10% or 110V±10%, 50/60Hz
Range	5V-480V
Error	±0.02% (50V-480V), ±0.05% (5V-50V)
Display range	5.000000V-480.0000V
Harmonic	2nd-63st
Range	1mA-120A
Error	±0.02% (0.2A-120A), ±0.05% (1mA-0.2A)
Display range	1.000000mA-120.0000A
Active power	±0.02% (0.2A-120A) ±0.05% (0.01A-0.2A) ±0.1% (0.001A-0.01A)
Reactive power	±0.05% (0.2A-120A), ±0.1% (0.001A-0.2A)
Apparent power	±0.05% (0.2A-120A), ±0.1% (0.001A-0.2A)
Active energy	±0.02% (0.2A-120A) ±0.05% (0.01A-0.2A) ±0.1% (0.001A-0.01A)

Electrical parameters - continued	
Reactive energy	±0.05% (0.2A-120A), ±0.1% (0.001A-0.2A)
Apparent energy	±0.05% (0.2A-120A), ±0.1% (0.001A-0.2A)
Range	0°-360°
Error	±0.005°
Display range	0.0001°-359.99°
Range	45-65Hz
Display range	45.0000-65.0000
High frequency output(CH)	12000Hz
Low frequency output(CL)	5000Hz
Pulse ratio	1:1
Output level	5V
Input level	5V
Input frequency	Max. 1MHz
Mechanical parameters	
Dimensions (W×H×D) (mm)	480×138×486
Weight (kg)	10
Environmental conditions	
Ambient temperature	-10℃ to 45℃
Influence of external fields	⩽ 0.05 % / mT
Relative humidity	10%-80%