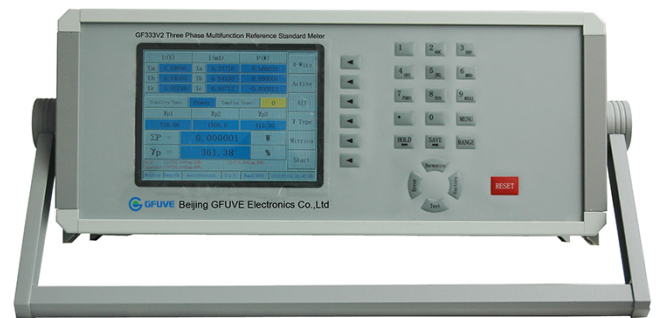


GF333V2

Three Phase Multifunction Reference Standard Meter

GF333V2 meter is a reference standard with the characteristics of wide-range, multifunction and high-precision. It has accuracy class of 0.02. By adopting techniques of DSP, embedded system and automatic temperature balancing and other compensation, it has not only advantages of light weight, small size, high precision, high performance, powerful function, original interface, ease-to-use, but also work stability.

The product can be widely used in fields of electric energy measuring, electric energy laboratories and other relevant industry, not only in laboratories but also at the industrial field.



Features

1. High accuracy class up to 0.02%
2. High stability, high reliability
3. Measuring 2nd~51st harmonics
4. Metal structure, strong and reliable
5. Waveform display function
6. Vector diagram function
7. Energy accumulating function
8. Suit for testing in the lab
9. As a three phase reference standard

Parameters

| Electrical parameters | |
|-----------------------|--------------------------------------|
| Accuracy class | 0.02%, 0.05% |
| Power supply | 220V±10% or 110V±10%, 50/60Hz |
| Power consumption | 30VA |
| Test Voltage | |
| Range | 40-560V |
| Error | ±0.02% (40V-560V) ±0.05% (5V-40V) |
| Harmonic | 2 nd -51 st |

Electrical parameters - continued
Test current

| | |
|---------------------------|--|
| Range (direct connection) | 10mA-120A |
| Error (direct connection) | ±0.02% (100mA-120A) ±0.05% (10mA-100mA) |
| Harmonic | 2 nd -51 st |

Power measure error

| | |
|-----------------------------------|---|
| Active power(direct connection) | ±0.02% (0.1A-120A) ±0.05% (0.02A-0.1A) |
| Reactive power(direct connection) | ±0.05% (0.1A-120A) |

Energy measure error

| | |
|-------------------------------------|---|
| Active energy (direct connection) | ±0.02% (0.1A-120A) ±0.05% (0.02A-0.1A) |
| Reactive energy (direct connection) | ±0.05% (0.1A-120A) |

Phase angle

| | |
|-------|---------|
| Range | 0°-360° |
| Error | ±0.02° |

Frequency

| | |
|-------|---------|
| Range | 40-70Hz |
|-------|---------|

Pulse output

| | |
|-----------------|-----------|
| Energy constant | 1-9999999 |
| Pulse ratio | 1:1 |
| Output level | 5V |

Pulse input

| | |
|-----------------|-----------|
| Input channel | 1 |
| Input level | 5-24V |
| Input frequency | Max. 2MHz |

Display

| | |
|--------------------|-----------------------------|
| Resolution | 6.4" inch 640x480 pixel TFT |
| Communication port | RS232 , USB |

Mechanical parameters

| | |
|-------------------------|-------------|
| Dimensions (W×H×D) (mm) | 355×185×145 |
| Weight (kg) | 7.5 |

Environmental conditions

| | |
|---------------------|--------------|
| Ambient temperature | 10°C to 40°C |
| Relative humidity | 20%-85% |