



## GDYB-S3 Three-phase Energy Meter Test System



### General Information

- GDYB series three-phase portable electric energy meter inspection device is suitable for the inspection of various single-phase three-phase electric energy meters of class 0.2 and below. It comes with beautiful appearance, exquisite craftsmanship, complete functions and excellent performance etc.
- Available in two styles, vertical and horizontal (optional). It can meet the adjustment and inspection of laboratory and factory assembly lines.

## Specification

Accuracy level	0.1%
Communication port	RS232
Output voltage	3*100V/57.7V Y 3*100V triangle 3*380V/220V Y 3*380V triangle Regulating range: 0-120% consecutively adjustable Regulating accuracy: better than 0.01% Special voltage range can be setup according to actual order.
Current range	25mA, 0.1A, 1A, 5A, 25A, 100A Regulating range: 0-120% consecutively adjustable Regulating accuracy: better than 0.01% Minimum output current: 1mA , accuracy : <5%
Output power	(voltage loop) 3*50VA (current loop) 3* 150VA
Stability of output voltage, current and power	≤0.05%
Wave distortion of output voltage and current	≤0.5%
Symmetry of three phase	better than $120^{\circ}+0.3^{\circ}$

Frequency range	45Hz-65Hz Regulating accuracy: 0.01 Hz
Phase shifting range	-180.0°-180.0° Regulating accuracy: 0.01°
Indicating instruments class	Voltmeter and ammeter accuracy: level $\pm 0.1\%$ Phase meter accuracy: $\pm 0.01^\circ$ Frequency meter accuracy: $\pm 0.01\text{Hz}$
Voltage input	Voltage input range: 40~480V Input: 60, 120, 240, 480V Input load: $\leq 0.5\text{mA}$ , (480V)