

AC/DC High Voltage Divider

Quality | Accuracy | Reliability

DYGB series products are the ideal equipment for HV measuring instruments, apply in power system, electronic equipment factory to test frequency AC high voltage and DC high voltage. This product is composed by HV measuring part and LV display instrument. HV part and LV display instrument are separate when working, it is safe and reliable.



Features:

High Precision

Adopt precision high-voltage film capacitors and precision glass glaze resistors, high input impedance, reducing the test current, low power consumption, improve the instrument's measurement precision and stability; Signal processing part, using high-performance OP to amplify signal, using the latest technology dual integral AD sampling, four semi-liquid crystal displays, the highest resolution reaches 0.001kV, it is the upgrading production of static high voltage meter.

Good Anti-jamming Performance

Adopt special shielding technology. The surface of equalizing ring is smooth and glossy, effectively improve the electric field distribution around the equalizing ring to prevent point discharge, improve the anti-jamming capability of measurement data. The voltmeter adopts all-metal enclosed structure shielding, using high quality coaxial cable connect HV divider with the voltmeter, reduce the impact of HV on the indication values, so as to achieve high stability, high linearity.

Safe and Reliable

The instrument is composed of high-voltage divider and voltmeter, high voltage divider using DuPont filling materials, special casting process, smaller in structure, lighter in weight, to minimize internal partial discharge, higher reliability. There is no leakage problem. When working, use high quality coaxial cable connect HV divider with the voltmeter, safe and reliable.

Simple Operation, Easy to Carry

Adopt DIP switch to switch high voltage and low voltage, AC and DC, convenient and quick. Four semi-liquid display direct shows measurement result, simple and intuitive. It is convenient for on-site testing work. Use portable structure, the whole chassis with aluminum box can be easily dismantled. Small in size, light in weight, easy to carry, easy to use.

Specifications:

Model	Impedance	Voltage Class	Voltmeter Range	Coaxial Cable
DYGB-50	600 MΩ	AC:50kV	Low:0-20kV,	3m
		DC:50kV	High:0-50kV	
DYGB-100	1200 MΩ	AC:100kV	Low:0-20kV,	3m
		DC:100kV	High:0-100kV	
DYGB-150	1800 MΩ	AC:150kV	Low:0-20kV,	4m
		DC:150kV	High:0-150kV	
DYGB-200	2400 MΩ	AC:200kV	Low:0-20kV,	4m
		DC:200kV	High:0-200kV	
DYGB-300	3000 MΩ	AC:300kV	Low:0-20kV,	3m
		DC:300kV	High:0-300kV	
Ratio		1000 : 1		
Accuracy		AC: 1.0%, DC: 0.5%		
Insulating Medium		Dry type dielectric material		
AC Measuring Method		Real effective value measurement		
Condition of Circumstance	Temperature	0~40°C		
	Humidity	≤85%RH		

Product Specifications are subject to change without notice

Manufactured By:

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