

## GDFR-D1 series AC/DC Voltage Meter



GDFR-D1 series AC/DC digital meter is on-site instrument, which test both AC and DC voltage. The digital meter and divider are equipped in one unit.

### Features

1. Balance type equal potential shield structure.
2. Fully-sealed insulation cylinder with internal excellent components.
3. High accuracy and linearity, good stability and anti-interference ability.
4. With good filling materials, which make the structure smaller and weight lighter, and minimize internal partial discharge.
5. Small size, light weight, easy to carry in the field work.

6. Inner shield anti-interference system.
7. The voltage ratio can be customized, suitable for calibration.
8. External voltage meter can be connected.

### Technical Specifications

Model No.	GD FR- D1- 50	GDFR-D1-100	GDFR- D1-15 0	GDFR -D1-2 00	GDF R-D 1-30 0	GDF R-D 1-40 0
Voltage(kV)	50	100	150	200	300	400
DC frequency (Hz)	<2					
AC frequency (Hz)	30-300					
Accuracy (G type)	AC: 1.0%/DC: 0.5%					--
Accuracy (H type)	AC: 0.5%/DC: 0.5%				--	--
Impedance (MΩ)	650	1280	2000	2640	400 0	536 0

Capacitance (pF)	500	250	400/16 0	300	200	300
Voltage ratio	1000:1 or 10000:1(or customized)					
Height (mm)	500	650	900	1200	175 0	235 0
Dimension (mm)	150×150	160× 160	200×200		260 ×26 0	800 ×80 0
Cable impedance (Ω)	50 / 75					
Range	1. Low range: 0-20kV 2. High range: 20kV-rated voltage				1. Low range: 0-200kV 2. High range: 200kV-rated voltage	
Cable length(m)	3	4	5	6	8	10
Weight(kg)	5.5	6.9	10.6	14.1	23.5	48.2
Packing Medium	Imported dry type high polymer materials					

Operation temperature	0°C-45°C
Relative humidity	<85%RH, no condensation
Altitude	<1500m(or customized)
Use condition	Indoor use or outdoor use in Sunny day