

# High Voltage DC

## General information about AD-FR3000 series High Voltage DC Digital Meter

AD-FR3000 series DC digital meter is on-site instrument, which measure and compare the accuracy of DC voltage output. It consists of voltage divider and DC measurement instrument.

### Features:

- ✓ Balance type equal potential shield structure.
- ✓ Fully-sealed insulation cylinder with internal excellent components.
- ✓ High accuracy and linearity, good stability and anti-interference ability.
- ✓ Small size, light weight, easy to carry in the field work.
- ✓ Inner shield anti-interference system.



## Technical specification of the device:

Model No.	ADFR-3050	ADFR-3100	ADFR-3150	ADFR-R200	ADFR-3300	ADFR-3400
Voltage(kV)	50	100	150	200	300	400
DC frequency(Hz)	<2					
Accuracy	DC: 1.5%					
Accuracy for option (G type)	DC : 1.0%					--
Accuracy for option (G type)	DC : 0.5%				--	
Impedance (MΩ)	650	1200	1700	2200	3500	4300
Capacitance (pF)	320	180	150	120	120-500	100-800
Voltage ratio	1000:1 or 10000:1 (or customized)					
Dimension (mm)	150×150	160×160	200×200		260×260	800×800
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	Dry type high polymer material					
Operation temperature	0℃-45℃					
Relative humidity	<85%RH,no condensation					
Altitude	<1500m(or customized)					
Use condition	Indoor use or outdoor use in Sunny day					

