

HTC 8250/8251/8252



FEATURES :

- Polarization Index (PI)
- Dielectric Absorption (DAR)
- Auto Power Off (APO 15 Minutes)
- USB Interface
- High Voltage Indication

Model	HTC 8250	HTC 8251	HTC 8252
Rated applied voltage	100; 250; 500; 1000; 2500; 5KV	250; 500; 1000; 2500; 5KV; 10KV	500; 1000; 2500; 5KV; 10KV; 15KV
Resistance limit range	0.01 MΩ ~ 10TΩ	0.01 MΩ ~ 35TΩ	0.01 MΩ ~ 50TΩ
Resolution	0.01MΩ	0.01MΩ	0.01MΩ
Accuracy	±3%rdg±5dgt	±3%rdg±5dgt	±3%rdg±5dgt
Output short-circuit current	6mA	6mA	6mA

Technical Data

Function	Insulation resistance test, voltage test, current test, capacitance test		
Basic condition	Basic condition 23°±5°, below 75%rh		
Rated voltage (V)	100V; 250V; 500V; 1000V; 2500V; 5000V	Accuracy rated voltage x (1±10%)	
	250V; 500V; 1000V 2500V; 5000V; 10 KV	Accuracy rated voltage x (1±10%)	
	500V; 1000V 2500V; 5000V; 10 KV; 15KV	Accuracy rated voltage x (1±10%)	
Insulation resistance range (GΩ)	0.01MΩ -10TΩ	Accuracy : ±3%rdg±5dgt	Resolution : 0.01MΩ
	0.01MΩ -35TΩ	Accuracy : ±3%rdg±5dgt	Resolution : 0.01MΩ
	0.01MΩ -50TΩ	Accuracy : ±3%rdg±5dgt	Resolution : 0.01MΩ
DC voltage range	0.1~1000V	Accuracy : ±1.5%rdg±5dgt	Resolution : 0.1V
AC voltage range	0.1~750V	Accuracy : ±1.5%rdg±5dgt	Resolution : 0.1V
DC current measurement	0.01nA~6mA	Accuracy : ±5%rdg±5dgt	Resolution : 0.01nA
Capacitance test	10nF~60uF	Accuracy : ±10%rdg±5dgt	Resolution : 10nF
Absorption ratio and polarization index measurement power	Have		
Instrument weight	2720g (including battery)		
Power Consumption	Standby: 30mA Max (backlight off) Turn on backlight: 42mA Max Measure : 200mA Max(backlight off)		
Insulation Resistance	50MΩ (between Measuring line and housing)		
Pressure Resistance	AC3kV/50Hz 1min		
Working Temp. and Humidity	-10%°C +50°C < 85%RH		
Storage Temp. and Humidity	-10%°C +55°C < 90%RH		
Suitable for Safety Regulations	IEC61010-1、IEC1010-2-31、IEC61557-1,5、IEC60529(IP54) pollution grade 2、CAT IV 600V		

Meter	1PC
High voltage bar	1PC red
High voltage test line	2PCS (Black, Green each 1)
Monitoring Software CD	1PC
USB communication line USB	1PC
Charger	1PC
Manual, certificate	1 Set
Instrument Box	1PC

