



GD6300 Capacitance and Dissipation Factor Tester



Product Description

GD6300 Capacitance&Dissipation tester measures the capacitance and dielectric loss factor ($\tan\delta$) of high voltage electric equipment. It can also test dielectric loss of insulating oil test grounded, which is micro controller operated, accurate, small, light weight and reliable.

Features

- 105*65mm LCD screen
- Calendar chip and large storage inside. Save testing result according to time order, check history record and print the result.
- With UST and GST test mode.
- High speed sampling signal. Inverter and sampling circuit inside are digitized controlled. Output voltage is adjusted continuously.
- Multiple protection of input voltage fluctuation, output short circuit, over-voltage, over-current, temperature, secure and reliable. Meanwhile, it has the function of grounding testing, that voltage boost is not permitted for non-grounding equipment.
- 45Hz, 50Hz, 55Hz frequency conversion signals, anti-interference.

Specification

Use condition	-15°C~40°C	RH<80%
Anti-interference principle	Frequency conversion	
Power supply	AC 220V±10%, generator is permitted.	
HV output	0.5KV~18KV,0.1kV for step	
	Accuracy	2%

	Max. current (at 10kV)		500mA
	Max. current (at 18kV)		278mA
	Capacity		5000VA
Resolution	tgδ: 0.001%		Cx: 0.001pF
Accuracy	△tgδ: ± (readings*1.0%+0.040%)		
	△Cx: ± (readings*1.0%+1.00PF)		
Measurement range	tgδ	No limited.	
	Cx	15pF < Cx < 500nF	
		17KV	Cx < 55nF
		10KV	Cx < 160nF
		5KV	Cx < 500nF
Size	500*350*670mm (L*W*H)		
Storage	200 groups		