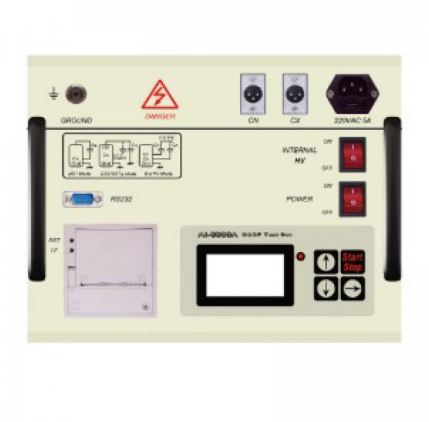
Tanδ Measuring Bridge



1. Introduction

The system is used for HV cable, power transformer, HV switch and so on. It judges quality of test sample by HV Tanδ test to improve the quality. Computer in the device can process data automatically and display the results directly on the panel. It is high accurate, stable and easy-to-operate.

2. Technical Parameters

1. Accuracy: Cx±(reading×1%+1pF) other metal
DF tgδ±(reading×1%+0.00040)
PF cosφ±(reading×1%+0.00040)
2. Interference: Ratio of interference current to specimen current is 2:1(200%)
3. Capacitance range: Internal HV3pF-50000pF/10kV, 60pF-1uF/0.5kV
External HV3pF-1.5uF/10kV
Resolution 0.001pF, 4 digits
4. PF range: No limit, resolution 0.001% (C/L/R specimen is automatic recognized)
5. Input current range: 10μA-5A
6. Internal HV: 0.5-12kV/200mA (max.)
7. Accuracy: ±(reading×1%+10V)
8. External HV: UST: 5A max, GST: 12kV/5A max. , 38-72Hz
9. Test time: 30s typical (may vary indifferent test mode)
10. Communication port: RS-232

Product link：https://www.linttop.com/tan%ce%b4-measuring-bridge.html