

# HYGS Tangent Delta Tester



## 1.1 Application

HYGS automatic tangent delta tester is applied to measure the dielectric loss and capacitor value of insulation materials in high voltage power equipment. The non-power frequency voltage source is integrated in the tester to avoid power frequency interference. That makes the tester has a good performance in measurement precision.

## 1.2 Technique index

- 1) Measurement error:  
Capacitor value:  $1\%RDG+5pf$   
Tangent delta:  $1\%RDG+0.04\%$
- 2) Output voltage: AC 0.5kV~10KV
- 3) Testing voltage setting resolution: 0.5kv
- 4) Maximum output capacity: 200mA
- 5) Testing frequency: 45Hz/55Hz
- 6) Test mode: fully automatic
- 7) Power supply: AC220V10 50Hz/60Hz
- 8) Environment temperature: 0~50°C
- 9) Humidity:  $\leq 85\%RH$
- 10) Weight:40KG

