

## WIRSAMTEST SYP3012 Oxidation Stability Tester for Lubricating Oil (Rotating Oxygen Bomb Method)

### Summary :

SYP3012 Oxidation Stability Tester for Lubricating Oil (Rotating Oxygen Bomb Method) is suitable for oxidation stability of turbine engine oil and evaluation same component according to 《Oxidation Stability measurement for Lubricating Oil(Rotating Oxygen Bomb Method)》。 It can also evaluate New mineral insulating oil with 2,6 butyl cresol, as a method of evaluating oxidation stability. The tester is suitable for ASTM D2272 《Oxidation measurement(Rotating Oxygen Bomb Method) for turbine engine oil》 and ASTM D2112 《Oxidation measurement(Rotating Oxygen Bomb Method) for mineral insulating oil with additive agent》。 The tester is unsuitable for the insulating oil whose viscosity is more than 40°C and anti-oxidant more than 12mm<sup>2</sup>/s.

### Features :

- Auto-control temperature control system and display.
- Bomb、thermostatic bath is made of stainless steel.
- Contain with American DICKSON pressure record sheet, dependable record data.

### Main technical description :

- 1) bomb : stainless steel. The bomb can stand pressure at 3450Kpa (150□)
- 2) auto pressure record : 0~1800Kpa, accuracy 2 level (American DICKSON)
- 3) circle device : 30° between oxidation bomb axis of rotation and oil bath level.
- 4) Rotary speed : 100±5r/min
- 5) heater : 1500W、2×800W\*3
- 6) temperature accuracy : 140±0.1°C (insulating oil)  
150±0.1°C (gas turbine oil)
- 7) glass sample bottle : 175ml
- 8) thermometer : 130~160□, accuracy 0.1°C
- 9) copper accelerant coil : Φ46×40
- 10) power : 198-242V 49-51Hz

