

Cat. No. 955 GREASE OXIDATION STABILITY TESTER



Model GOS-M3

[Overview]

Sample is put into a bomb and heated up to 99°C under the oxygen pressure at 775kPa. Drop in pressure is recorded at certain time interval, and the pressure after 100 hours is measured.

[Testing Standard]

ASTM D942, IP 142, JIS K2220

[Features]

- This is a corrosion-resistant pressure tight metallic container, consisting of a bomb, needle valve, lid with pressure gauges, bomb tightening nut and gasket. It has passed hydraulic pressure and leak tests.
- Pressure gauges are the ones specified by JIS B7505, which have the following characteristics: Class of 0.5 grade, 150mm in size, connection screw of PF3/8, pressure range at 0 to 1000 kPa, min. reading of 5.0kPa and easy to read.
- Bomb tightening tool consists of a spanner and fixing jig, which are easy to handle so as to tighten a bomb tightening nut.
- A 4-bomb type tester (square body) is also available.

[Standard Specifications]

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|---------------------------|---|
| 1. Temperature controller | : Digital PID control |
| 2. Temp. sensor | : Platinum sensor (PT100Ω) |
| 3. Heater | : Round type sheathed heater |
| 4. Test temp. range | : 90.0 to 150.0°C |
| 5. Test temperature | : 99.0°C etc. |
| 6. Test temp. accuracy | : ±0.2°C |
| 7. Bath stirrer | : Induction motor |
| 8. Bomb holder | : 3 holders |
| 9. Safety mechanism | : Leakage breaker and over heat protector |
| 10. Power supply | : 100V AC, 2.0kW, 50/60W (or AC 220V) |

[Standard Accessories]

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|-----------------------------|-----------------|
| 1. Bomb | : 3 sets |
| 2. Pressure gauge | : 3 sets |
| 3. Bomb holder | : 3 sets |
| 4. Sample container | : 20 pcs. |
| 5. Bomb tightening tool | : 1 set |
| 6. Oxygen introduction tube | : 1 pce. |
| 7. Thermometer | : 1 pce. (No.6) |

* No power plug is attached.

• The above specification is subject to change without notice due to technical improvement.