



Oxidation Stability of Gasoline and Aviation Fuels



ASTM D525
ASTM D873
DIN 51780
DIN 51799
IP 40
IP 138
ISO 7536

ASTM D525 - IP 40 - DIN 51780 - ISO 7536
Oxidation Stability of Gasoline
(Induction Period Method)

This test method covers the determination of the stability of gasoline in finished form only, under accelerated oxidation conditions.

ASTM D873 - IP 138 - DIN 51799
Oxidation Stability of Aviation Fuels
(Potential Residue Method)

This test method covers the determination of the tendency of aviation reciprocating, turbine, and jet engine fuels to form gum and deposits under accelerated ageing conditions.

Art. LT/OS-201000-2/M Oxidation Stability Bath (2 places) ASTM D525

- Completely made in stainless steel
- About 30 litres capacity
- Heated by electric stainless steel heater controlled by a thermoregulator
- Cover serves as condenser with connections for water circulation
- Temperature range: ambient to 100°C

Art. LT/OS-201000-4/M Oxidation Stability Bath (4 places)

- Completely made in stainless steel
- About 40 litres capacity
- Heated by electric stainless steel heater controlled by a thermoregulator
- Cover serves as condenser with connections for water circulation
- Temperature range: ambient to 100°C

Power Supply

- 220Vac 50/60 Hz

Dimensions

- cm 60 × 60 × 100

Weight

- kg 65

Accessories for ASTM D525 - D873

- LT/OPV-200000: oxidation pressure vessel made in stainless steel, complete with o-ring, stem needle valve, fast connection, 30 bar pressure certificate
- LT/B2470/BC150: balance
- LT/248000/F/50: drying oven
- LAB-102-005: burst disc assembly
- LAB-102-001: recorder pressure gauge 2 pens, 0-200 psi, div. 2
- LAB-102-002: glass sample container with cover, pack of 2

- LAB-102-006: indicator pressure gauge radial, 0-14 bar
- LAB-102-007: indicator pressure gauge radial 1/8", 0-200 psi
- LAB-102-012: pressure transmitting capillary for connection oxidation vessel to pressure recorder
- LAB-102-013: junction O₂
- LAB-102-014: pressure reducer
- T-AS22C: thermometer ASTM 22C
- T-AS22F: thermometer ASTM 22F

Accessories for ASTM D873

- LAB-102-015: filtering crucible
- LAB-102-016: cooling vessel

Spare Parts for ASTM D525

- LAB-102-005: burst disc assembly
- LAB-102-001/P: paper recording chart, pack of 100
- LAB-102-002: glass sample container with cover, pack of 2
- LAB-102-003: basket, pack of 10
- LAB-102-004: Teflon® basket, pack of 10

Spare Parts for ASTM D873

- LAB-102-005: burst disc assembly
- LAB-102-001/P: paper recording chart, pack of 100
- LAB-102-002: glass sample container with cover, pack of 2
- LAB-102-003: basket, pack of 10
- LAB-102-004: Teflon® basket, pack of 10
- LAB-102-015: filtering crucible
- LAB-102-016: cooling vessel