



Vapour Pressure of Petroleum Products Reid Method



ASTM D323
IP 69
ISO 3007

ASTM D323 - IP 69 - ISO 3007

Vapour Pressure of Petroleum Products (Reid Method)

This test method covers procedures for the determination of vapour pressure of gasoline, volatile crude oil, and other volatile petroleum products. Procedure A is applicable to gasoline and other petroleum products with a vapour pressure of less than 180 kPa (26 psi). Procedure B may also be applicable to these other materials, but only gasoline was included in the interlaboratory test program to determine the precision of this test method.

Neither procedure is applicable to liquefied petroleum gases or fuels containing oxygenated compounds other than methyl-butyl ether (MTBE).

Procedure C is for materials with a vapour pressure of greater than 180 kPa (26 psi) and procedure D for aviation gasoline with a vapour pressure of approximately 50 kPa (7 psi).

Art. LT/RC-179000-A/M Reid Cylinder - Liquid Chamber One Opening - ASTM D323

- Made in stainless steel
- In one end of the liquid chamber an opening of approximately ½" shall be provided for coupling with the vapour chamber
- The inner surface of the coupling end shall be sloped to provide complete drainage when inverted
- The other end of the chamber shall be completely closed

Art. LT/RC-179000-B/M Reid Cylinder - Vapour Chamber ASTM D323

- Made in stainless steel
- Lower coupling
- Upper ½" groove with a ¼" reducing cap for pressure gauge

Art. LT/RC-179000-C/M Reid Cylinder - Liquid Chamber Two Opening

- Made in stainless steel
- In one end of the liquid chamber an opening of approximately ½" shall be provided for coupling with the vapour chamber
- ¼" pin valve

Accessories

- LT/TB-177000/M: thermostatic bath
- LAB-101-793/1: pressure gauge scale 0-1 bar
- LAB-101-793/2.5: pressure gauge scale 0-2.5 bar
- LAB-101-793/35: pressure gauge double scale as per ASTM D323, 0-35 kPa and 0-5 Psi
- LAB-101-793/100: pressure gauge double scale as per ASTM D323, 0-100 kPa and 0-15 Psi
- LAB-101-793/200: pressure gauge double scale as per ASTM D323, 0-200 kPa and 0-30 Psi
- LAB-101-793/300: pressure gauge double scale as per ASTM D323, 0-300 kPa and 0-45 Psi
- LAB-101-793/400: pressure gauge double scale as per ASTM D323, 0-400 kPa and 0-60 Psi
- LAB-101-793/700: pressure gauge double scale as per ASTM D323, 0-700 kPa and 0-100 Psi
- LAB-100-371/50: silicone oil, can of 25 litres
- T-AS18C: thermometer ASTM 18C
- LAB-102-013: flexible junction for O₂

Spare Parts

- LAB-101-792-A: gasket for chamber, pack of 10
- LAB-101-792-B: gasket for pressure gauge, pack of 10