



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).

Lower side: Liquid Chamber LT/RC-179000-A - One Opening

- Made of high-quality stainless steel, long time corrosion resistant.
- Internal and external fine polishing for excellent drop drain.
- Upper connection ½" fitting.
- The inner surface of the coupling end shall be sloped to provide complete drainage when inverted.
- Volume of approx. 130 cc.

Upper side: Vapour Chamber LT/RC-179000-B - ASTM D323

- Made of high-quality stainless steel, long time corrosion resistant.
- Internal and external fine polishing for excellent drop drain.
- Fittings lower connection ½" / upper connection ½" (with optional adapter ¼" on request).
- Volume of approx. 520 cc.

Lower side: Liquid Chamber LT/RC-179000-C - Two Openings

- Made of high-quality stainless steel, long time corrosion resistant.
- Internal and external fine polishing for excellent drop drain.
- Upper connection ½" fitting with 12.7 straight-through full-opening valve.
- The inner surface of the coupling end shall be sloped to provide complete drainage when inverted.
- 6.35 mm valve positioned near bottom.
- Volume of approx. 130 cc.

General Specification

- Inside diameter 51 mm
- External diameter 57 mm
- Vapour chamber:
inside length 253 mm
external length 268 mm

Accessories

- LT/TB-177000/M: thermostatic bath
- LAB-101-793/100: pressure gauge double scale, 0-100 kPa and 0-15 Psi
- LAB-101-793/200: pressure gauge double scale, 0-200 kPa and 0-30 Psi
- LAB-101-793/300: pressure gauge double scale, 0-300 kPa and 0-45 Psi
- LAB-101-793/700: pressure gauge double scale, 0-700 kPa and 0-100 Psi
- T-AS18C: thermometer ASTM 18C
- LAB-179-006: sample transfer tool, rubber stopper + 2 tubes

Spare Parts

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