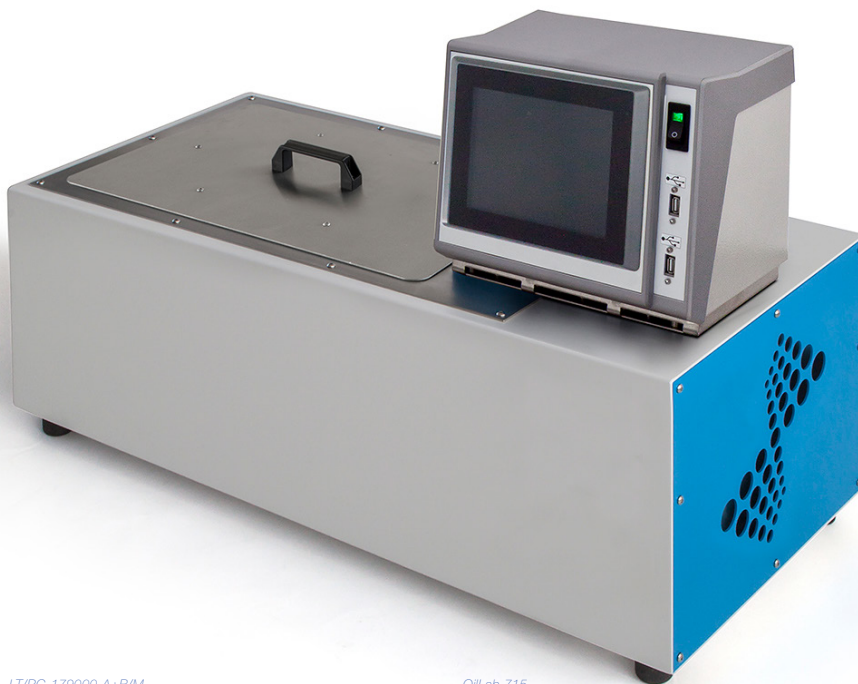




## OilLab 715 Reid Vapour Pressure



LT/RC-179000-A+B/M



OilLab 715

ASTM D323  
ASTM D4953  
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).

### ASTM D4953 Standard Test Method for Vapor Pressure of Gasoline and Gasoline-Oxygenate Blends (Dry Method)

This test method covers and is applicable to gasolines and gasoline-oxygenate blends with a vapor pressure range from 35 kPa to 100 kPa.

- Bath made in stainless steel suitable for the accommodation of up to two (2) vapour pressure cylinders according to ASTM specifications
- Bath temperature range from ambient to +80°C ±0.1°, filling level 20 liters.
- Motorized stirrer with shaft, drain tap
- Electric immersion Heater controlled by PID system
- Drive system for swing gently the vessel in horizontal position
- Secure handle cover for open bath
- Bath equipped with a Touch screen panel PC
  - TFT/LCD 8"
  - 40 Gb HD
  - Resolution 1024 × 768 and 16M colours
  - 2 × USB Ports for connecting pen drive and printer
- The dedicated software manages:
  - The bath temperatures by means of a PT100 sensor class
  - A that can be displayed in °C / °F, including the over temperature safety alarm
- 2 (two) electronic sensors, pressure transducers / electronic pressure gauges supplied for the coupling to the test vessels
- Cables and connectors
- Dedicated software for real time monitoring and recording that includes:
  - Display of the pressure in bar / psi / Kpa
  - Graph creation in real time during the test
  - Invalid test indication
  - Export of files in xls / pdf / jpg format
  - Calibration up to 100 points
- Power supply: 220Vac 50/60Hz

### Accessories

- LAB-100-371/50: silicone oil, can of 25 litres
- T-AS18C: thermometer ASTM 18C
- LAB-102-013: flexible Junction for O<sub>2</sub>
- 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
- 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