

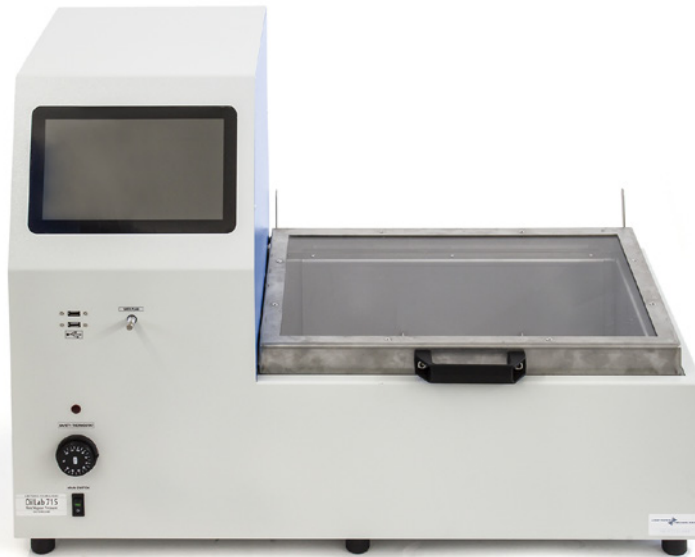


OilLab 715

Reid Vapour Pressure



OilLab 715



LT/RC-179000-A+B/M

ASTM D323
ASTM D4953
IP 69
ISO 3007

ASTM D323 - IP 69 - ISO 3007
Vapour Pressure of Petroleum Products
(Reid Method) Procedure B

The test method covers the determination of vapour pressure of gasoline, volatile crude oil, by means of three procedures: A, B and C.

The OilLab 715 grant the determination in conformity with the procedure B (horizontal bath) on petroleum products having Reid Vapour Pressures below 180 kPa (26 psi).

ASTM D4953
Standard Test Method for Vapor Pressure of Gasoline and Gasoline-Oxygenate Blends

This test method covers and is applicable to gasolines and gasoline-oxygenate blends with a vapor pressure range from 35 kPa to 100 kPa (5 psi to 15 psi).

This test method, a modification of Test Method D323 (Reid Method), provides two procedures to determine the vapor pressure of gasoline and gasoline-oxygenate blends.

- 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 litres.
- 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 O₂
- LT/RC-179000/M:
 - Reid Cylinder - Liquid Chamber - One Opening LT/RC-179000-A/M - ASTM D323
 - made in stainless steel
 - in one end of the liquid chamber an opening of approximately 1/2" 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
 - Reid Cylinder - Vapour Chamber LT/RC-179000-B/M - ASTM D323
 - made in stainless steel
 - lower coupling
 - upper 1/2" groove with a 1/4" reducing cap for pressure gauge