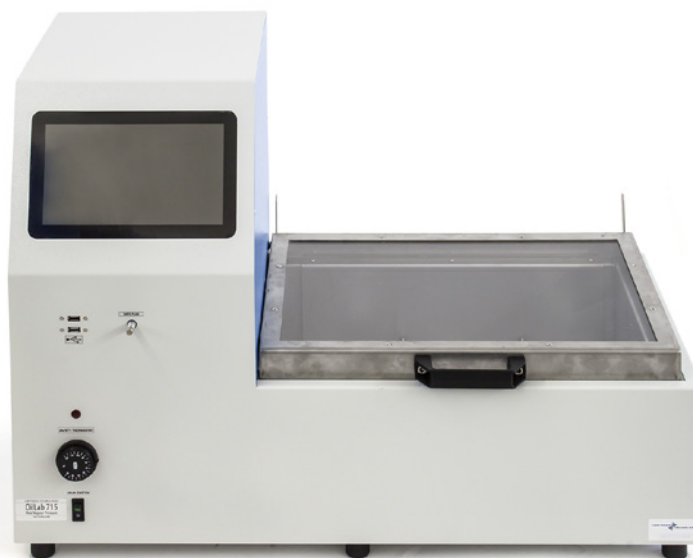
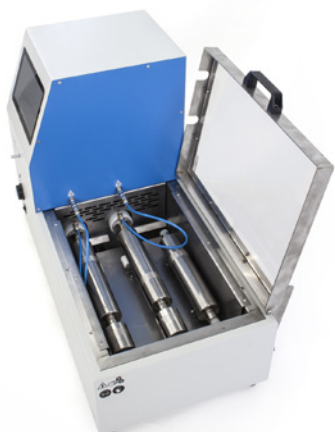




## OilLab 715 Reid Vapour Pressure



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.
- Analysis range from 0 up to 250 kPa.
- 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/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 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
  - Reid Cylinder - Vapour Chamber
  - LT/RC-179000-B/M - ASTM D323
    - made in stainless steel
    - lower coupling
    - upper ½" groove with a ¼" reducing cap for pressure gauge