



Thermo Twin Thermo Four



Thermo Twin



Thermo Four



Application

Determination of the Crystallization Point.

Main Features

- The analyser is managed by an integrated touch screen panel PC by means of the dedicated software running in Windows® ambient.
- Bench top analysers with two test positions.
- Bath made in aluminium with integrated cooling system.
- The cooling of the sample happens inside the dry cooling jacket.
- The instrument is equipped with high-tech peltier with liquid exchanger.

Dimensions

- width: 34 cm
- depth: 50 cm
- height: 50 cm

Weight:

- 30 kg

Main characteristics

- Automatic Analysers for the determination of the Shukoff and Tempering curves
- Determination of min T - max T
- Automatic calculation of the slope ($Q = \Delta T / \Delta t$)
- User friendly
- Easy sample preparation: with glass bottles and / or disposable plastic cups
- Rapidity in analysis execution
- Excellent repeatability of the analysis
- No particular maintenance required

Measuring devices

- PT100 sensors class A

Measuring Parameters

- Temperatures: in °C
- Measuring range: +80 °C ... -50 °C
- Bath temperatures: -10 °C ... +60 °C
- Heating curve: 3°C/min
- Cooling curve: 1°C/min

Software

Main features

- User friendly interface
- Real time display of all the analytical parameters
- Independent managing of the two / six test positions
- Storage of all the analysis
- Storage of the results in Excel® format
- Display of the graphic
- Execution of recipes
- Curves comparison
- Printable results

Calibration

- Automatic calibration of each temperature probe by means of the calibration decade box (Art. OilLab 80-T)
- Storage of the data referred to the calibration
- Last calibration date referred to each single probe displayed

Diagnostic

- Access to all analogue and digital signals (inlet and outlet) in order to verify their functioning.
- Thermofat Scenshot

Accessories

- Calibration decade box – PT100 simulator with cable and connector for Thermofat range (Art. OilLab 80-T)

Spare Parts

- Thermo 206: PT100 sensor (color)
- Thermo 220: Shukoff bottle 19/26
- Thermo 221: Shukoff bottle 24/29
- LT-1412: Teflon stopper 19/26 with hole for PT100 sensor
- LT-1422: Teflon stopper 24/29 with hole for PT100 sensor