NL100

Automatic Cloud Point Analyzer

ASTM D2500, ASTM D5771, ASTM D5772
ASTM D5773, DIN 51597, IP 219
IP 444, IP 445, IP 446, ISO 3015

Measuring Cloud Point Principle

The sample is cooled down according to the methods while the clouds appearance is observed on the silver bottom of the test jar by means of an optical sensor. The measurement is done by reflection on the silver bottom of the test jar via a fast light detector. The signal from light detector is traded by the LabLink software. The dynamic measurement is performed regardless of the sample's colour.

Software Features

New LabLink software able to manage up to 6 analytical heads simultaneously (stand alone)

- User friendly interface
- All analytical parameters recorded
- Customizable analysis parameters and methods
- Customizable results report
- Printable graphs and results
- Self-identification of the typology of the analysers connected

The software includes

Analysis Menu

- Standard method as per ASTM / IP / ISO / EN / DIN… norms of reference
- Optional methods:
  - Fast bath (to reduce the time of analysis)
  - T-sample – T-bath (Delta T constant)
  - Cooling rate °C / h
- Audible alarm and displayed messages (at the end of the analysis and in case of errors and/or malfunctions)

Diagnostic Menu

- Direct access to all analog, digital, inputs and outputs
- Selectable value displaying: °C / Volt

Calibration Menu

- Automatic calibration of each temperature probe
- Last calibration date referred to each single probe displayed and relative data printable
- Display of calibration diagram
- Insertion of offset values
- Standard and advanced calibration modes

Data Utilities

- Fields for introduction of operator and product name
- Archive viewer for files recall
- All analysis stored in Excel® compatible format
- Storage capacity for more than 60'000 analysis
- LIMS compatible

Beytepe Mahallesi, Beyler Caddesi, 1651. Sokak, No: 8, Çankaya / Ankara, 06810, Türkiye
Tel: +90 312 468 85 30 Fax: +90 312 468 85 33
www.biolab.com.tr biolab@biolab.com.tr