Viscol-20AS

Dual Bath Kinematic Viscometer

ASTM D445, ASTM D446, ISO 3104, ISO 3105, IP 71

Viscol-20AS is a fully automated dual bath kinematic viscometer with 23 position autosampler for each bath. The unit is equipped with latest temperature control, time detection and washing features to minimize potential human errors while ensuring consistent and reliable results for each measurement.

Viscol-20AS Dual Bath Kinematic Viscometer offers the most sensitive temperature control and widest measurement range with unattended operation in two seperate baths for simultaneous measurements at two different temperatures. Autosampler nozzles are designed with special nozzle washing and drying features to avoid any cross contamination between samples.

Viscol-20AS is a stand-alone unit, ready to go, without the need of an external PC for any operations as measurement, washing or to check analysis history. Windows based wide-screen touch panel PC is designed to control each bath seperately with a user-friendly interface.

Specifications	
Applications	Mineral and synthetic lubricants, crude oil, distillate fuels
Methodology	ASTM D445, ISO 3104, IP 7
Viscometer type	Ubbelohde
Temperature range	10°C to 120°C
Temperature precision	0.001°C
Time detection precision	0.001 s
Measurement range	0.5 cSt - 25000 cSt
Sample volume	10-15 mL
Cleaning	Dual Solvent (Standard)
Data transfer	USB & Ethernet (RJ45)
Cooling	Embedded cooling coil
Weight	100 Kg
Dimensions	60 x 60 x 90 cm
Power requirement	220 VAC – 50 Hz

Features

- Full automatic operation at two different temperatures
- Fully compliant kinematic viscosity measurements according to ASTM D445, ISO 3104, IP7
- Temp. range from 10°C to 120°C
- Wide range viscometer tubes (Up to 225 Fold)
- Viscosity range from 0.5 cSt to 25.000 cSt
- Dual solvent usage as a standard
- Automatic cleaning with low solvent consumption
- Full control from Windows based touch panel PC
- Low bath oil and over temperature safety interlocks
- Stand-alone unit, small footprint

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