

Viscol 20AS

Dual-Bath Automatic 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 sensitive temperature control and wide viscosity range with two separate baths for simultaneous measurements at two different temperatures. Sampling nozzles are designed with special nozzle wash & dry (SPW) feature 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 operation as measurement, washing or to check analysis history. Windows based wide-screen touch panel PC is designed to control each bath separately with a user-friendly interface.



Key Benefits

Dual Bath Design: Simultaneously operate at two different temperatures for enhanced productivity.

Sensitive Temperature Control: 0.001°C temperature control sensitivity within wide temperature range.

Automatic Operation: Fully automated sampling, measurement, calibration and cleaning mechanism.

Wide Measurement Range: Suitable for a wide range of samples and applications.

Precise Measurement: Achieve highest accuracy with unattended analysis and calibration.

Unique Cleaning: Standard dual-solvent design in each bath with SPW feature to avoid any cross contamination.

User-Friendly Interface: Windows based touch screen panel and device software for simplified operation.

Data Integration: Easily export and integrate your data with lab management systems and Viscosoft software.

Safety: Built-in temperature and bath liquid level safety features and alarms to ensure secure operation.

Time-Saving: Automated sampling, measurement and washing features to increase operator efficiency.

Economic: Lower solvent consumption by full automatic washing and drying system.

Specifications

Methodology	ASTM D445, ASTM D446, ISO 3104, ISO 3105, IP 71
Viscometer type	Ubbelohde
Viscometer range	170 - 225 Fold
Temperature range	10°C to 120°C * Other temperatures (optional)
Temperature sensitivity	0.001°C
Temperature stability	0.005°C
Time detection precision	0.001 s
Carousel Capacity	23 samples
Measurement range	0.15 cSt - 30000 cSt
Sample volume	10-15 mL
Cleaning	Dual solvent per bath & SPW
Display	12" Touch Panel Screen
Data transfer	USB & Ethernet (RJ45)
Cooling	Built-in cooling coil per bath
Security	Low Bath Oil & Over Temperature Safety Interlocks
Weight	100 Kg
Dimensions	60 x 60 x 90 cm
Power requirement	220 VAC - 50 Hz
CE Mark	