

Viscol 10S

Kinematic Viscometer

ASTM D445, ASTM D446
ISO 3104, ISO 3105, IP 7

Main Application Areas

- Formulated oil analysis
- Hydraulic oil analysis
- Additive analysis
- In-Service oil analysis
- Marine fuel testing
- Base stock analysis
- Light and heavy fuel testing
- Waxes/paraffin
- Crude oil testing
- Polymer analysis
- Glycols
- Asphalt analysis



Features & Benefits

- **Temperature Range:**
 - Programmable temperature from ambient up to 125°C
 - Operating up to 170°C (Optional)
 - Built-in Peltier fast cooling down to below ambient (Optional)
 - Built-in pre-heating sample feed holder (Optional)
- **Measurement Range:**
 - 0,5 – 25.000 mm²/s cSt (Accommodates one multifolds tube covering wide range applications)
- Very low Solvent and Waste
- Fast analysis, cleaning and drying procedure
- Single and dual wash programs
- Easy tube replacement, no need to drain bath
- Built-in Windows based PC with touchscreen panel
- Continuous User Support with
- Biolab assurance and quality
- Multifunction security alert system including over temperature and low bath oil
- Compact size for use in any laboratory



Ordering Information

- The Viscol-10S Viscometer System includes 1 viscometer tube, 1 set viscosity standard
- 2 pcs washing bottle, waste bottle and necessary connection parts
- Optionally: Bath temperature up to 170°C, pre-heating and fast cooling unit

Optional

- Pre-heating sample feeding unit for high viscous samples
- Bath temperature control up to 170°C
- Built-in Peltier cooling system for low temperature operation or rapid cooling without external refrigeration

Spares & Consumables

- Viscosity reference standards
- Replacement bath oil
- Multi range viscometer tubes
- Sample vials, multi use glass, aluminium for fast pre-heating, PE vials
- Washing solvent and waste bottles with necessary connection parts

Specifications

Dimensions (WxLxH)	300x500x800 mm
Weight	40 kg
Max. Analysis/Hour	12
Sample Capacity	1
Viscosity Range	0,5 - 25.000 mm ² /s (cSt)
Precision	0,001 s
Temperature Range	Ambient to 125°C (Optional up to 170°C) (Optional down to 5°C)
Temperature Sensitivity	0,01 °C
Samples and Solvent	12 ml sample - 10 ml solvent per test
Operating Environment	10°C - 35°C - %75 Relative Humidity
Power Requirements	110 - 240 VAC - 50/60 Hz 2 bar dry air supply

