

CATALOG

VeroVis

FULLY AUTOMATIC KINEMATIC
VISCOMETER



VeroVis

TECHNICAL PARAMETERS

VeroVis is a fully automatic, semi auto sampler, benchtop viscometer for D445 testing.

The Atlantic style tube, 350 fold viscosity range between 1 mm²/s (cst) and 10000 mm²/s (cst) from 5°C to 150°C (With available options). VeroVis meets also ASTM D446 / ISO 3105 requirements. VeroVis can be used for oil analysis, hydraulic oil analysis, additives analysis, marine fuel testing, base stock analysis, light and heavy fuel testing, waxes / paraffin, crude oil testing, glycols and any other viscous liquid.

FEATURES

- The VeroVis operates within a temperature range of 5°C to 150°C, with optional chiller capabilities.
- The VeroVis is equipped with a preheating function to expedite testing and enhance accuracy.
- It offers a viscosity range of 1 to 10,000 cSt, with 400-fold increments, effectively replacing the need for four separate manual glass viscometers.
- Equipped with a built-in heat exchanger, the device swiftly adjusts temperatures from 100°C to 40°C within 15 minutes, returning to ambient levels.
- Automation reduces manual testing requirements, minimizing operator variability.
- Users can generate customizable reports viewable, printable, savable, or exportable as PDF files.
- Tube washing and drying processes are completed in approximately 4 minutes.
- The VeroVis includes three washing options
Wash One (Solvent 1), Wash Two (Solvent 2), and Mixed Wash (begins with Solvent 2 and concludes with Solvent 1 drying).
- Featuring an Atlantic tube with a wide range up to 400-fold, the VeroVis eliminates the need for tube replacement across various sample types.
- Washing cycles utilize only 10 ml of solvent.
- Tube replacement is executed swiftly by operators.
- The VeroVis incorporates an auto-calibrating function.
- The VeroVis also includes an auto viscosity index function for enhanced operational efficiency.

SPECIFICATIONS

Heating Capacity	Achieves temperatures from 5°C to 150°C, with the ability to reach 100°C in 30 minutes.
Operation System	Windows 10
User Interface	Features a 10.1-inch capacitive touch screen.
Operating Environment	Suitable for environments ranging from 10°C to 50°C.
Oil Bath	Includes a 16-liter volume oil bath.
Fast Cooling	from 100°C to 40°C within 15 minutes.
Result Storage Capacity	Stores up to 10,000 results.
Result format	PDF
Power Supply	Operates on AC 220 Volts, 50-60 Hz.
Power Consumption	Approximately 500 Watts (Max).
Dimensions	W: 38cm, D: 40cm, H: 74 cm
Weight	32 kg.



APPLICABLE

REFERENCES

REFERENCES



VeroVis

Kinematic Viscometer

- Dora Thermal Power Plant
- Khanakin Lubricants Factory
- Gas Power Plant 2
- Gas Power Plant 1
- Smara Thermal Power Plant
- Quds Power Plant
- Al-Sadir Power Plant



VeroRes

Carbon Residue Analyzer

- Al-Sadir Power Plant



VeroXi

Oxidation Stability Analyzer

- Dora Thermal Power Plant
- Quds Power Plant



VeroAsh

Ash Content Furnace

- Al-Sadir Power Plant



VeroDry

Moisture Evaporator

- Dora Thermal Power Plant
- Gas Power Plant 2
- Gas Power Plant 1
- Al-Sadir Power Plant



VeroCal

Heat Com. Calorimeter

- Al-Sadir Power Plant



VeroCor

Copper Corrosion Bath

- Al-Sadir Power Plant



VeroFoam

Foam Tendency Analyzer

- Al-Sadir Power Plant

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