

CATALOG

VeroVis

FULLY AUTOMATIC KINEMATIC
VISCOMETER



VeroVis

TECHNICAL PARAMETERS

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VeroVis is a fully automatic benchtop viscometer for ASTM D445 testing.

The Atlantic-style tube offers a 400-fold viscosity range from 1 mm²/s (cSt) to 10,000 mm²/s (cSt) over a temperature range of 5 °C to 150 °C, with available options. VeroVis also meets ASTM D446 and ISO 3105 requirements. The instrument can be used for oil analysis, hydraulic oil analysis, additives analysis, marine fuel testing, base stock analysis, light and heavy fuel testing, waxes/paraffin analysis, crude oil testing, glycol analysis, and other viscous liquids.

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 can be performed quickly by operators.
- The VeroVis incorporates an auto-calibrating function.
- The VeroVis also includes an auto viscosity index function for enhanced operational efficiency.

SPECIFICATIONS

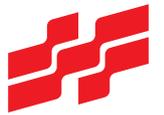
Heating Capacity	Achieves temperatures from 5°C to 150°C, with the ability to reach 100°C in 30 minutes.
Operating System	Windows 10
User Interface	Features a 10.1-inch capacitive touchscreen.
Operating Environment	Suitable for environments ranging from 10°C to 50°C.
Oil Bath	Includes a 1.6-liter volume 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 W (Max).
Dimensions	W: 38 cm, D: 40 cm, H: 74 cm
Weight	32 kg.



APPLICABLE

REFERENCES

REFERENCES



Vero
Scientific



VeroVis
Kinematic Viscometer



VeroRes
Carbon Residue
Analyzer



VeroXi
Oxidation Stability
Analyzer



VeroAsh
Ash Content Furnace



VeroDry
Moisture Evaporator



VeroCal
Heat Com. Calorimeter



VeroCor
Copper Corrosion Bath



VeroFoam
Foam Tendency
Analyzer

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