

Automated Kinematic Viscometer



VCA 1000



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

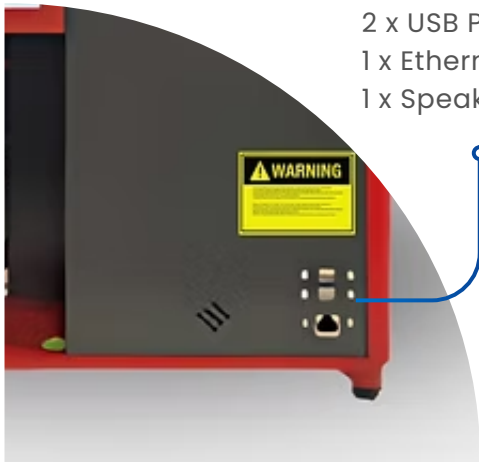


Intuitive Operation Robust Construction High Accuracy

Fully-Automatic Kinematic Viscometer, VCA 1000 Series have been crafted for precision, they are designed to test oil, fuel, asphalt, and other fluids in various industrial sectors. With advanced automation and a user-focused design, they offer reliable results and ease of use, making them ideal for routine test analysis and quality control processes.

Connectivity

2 x USB Port
1 x Ethernet Port
1 x Speaker

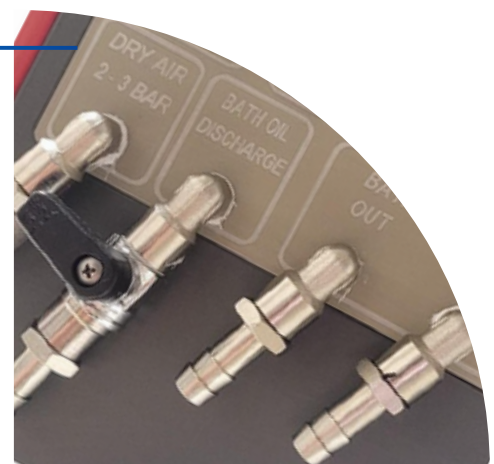


10.4 " Touchscreen operation,
quick and easy testing



Multi- In/Out

Washing
Solvent 1
Solvent 2
Dry Air
Bath Oil Discharge
Bath Cooling



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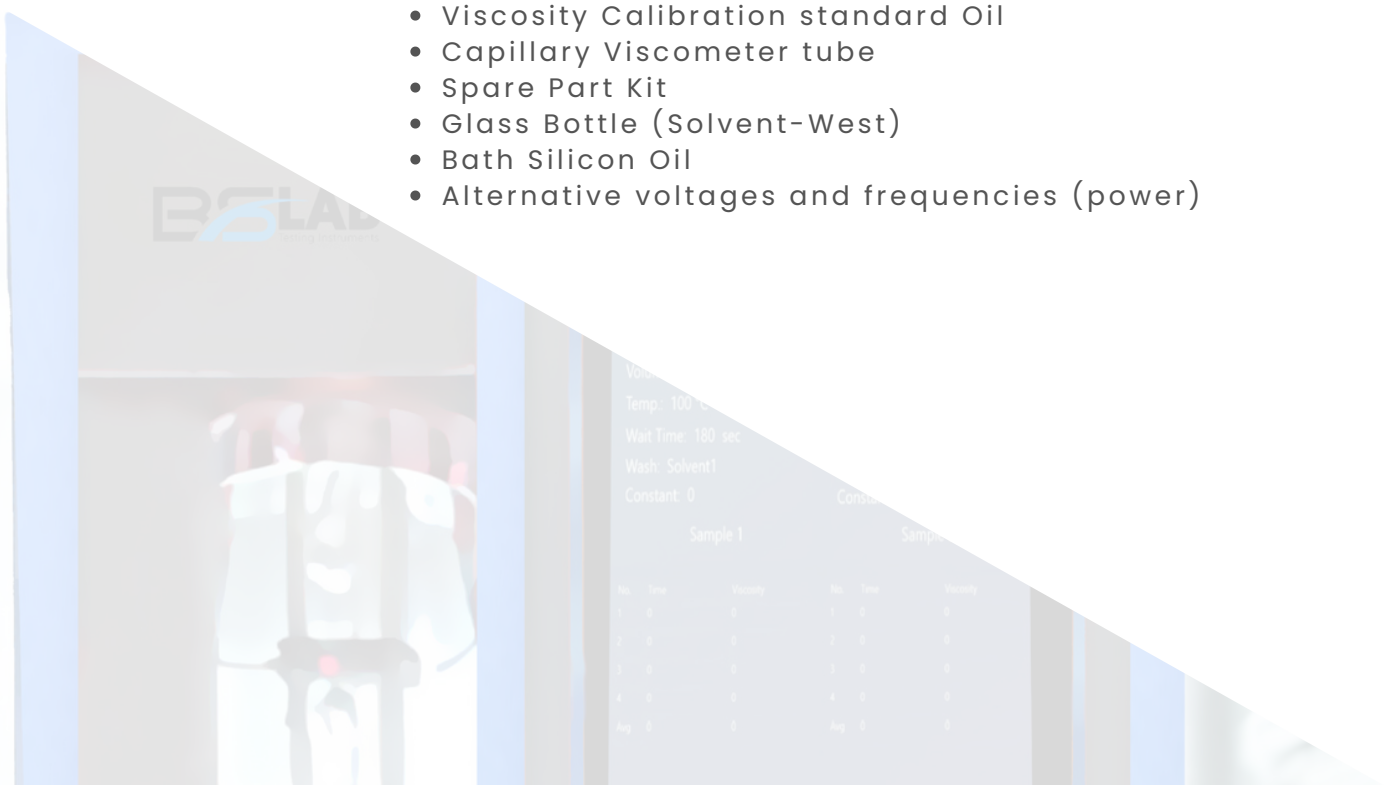


- Full automatic based system
- Adjustable bath temperature
- Ultra-precise temperature control
- High-sensitivity flow detection
- Wide viscosity range test
- Low solvent use with minimal waste
- Fully automatic: measuring, washing, and drying
- Dual-solvent built-in washing system
- Windows-based touch-screen IPC interface
- USB, LAN data export
- Sound warning speakers
- Leak and high-temperature safety alerts
- Compact, ergonomic benchtop design
- Solid body and construction
- 1 year of warranty
- CE and EAC conformity

Standards: *ASTM D445 – ASTM D446 – ISO 3104 – ISO 3105 – IP 71*

Accessories & Options

- Air compressor
- Cooling Circulator
- Viscosity Calibration standard Oil
- Capillary Viscometer tube
- Spare Part Kit
- Glass Bottle (Solvent-West)
- Bath Silicon Oil
- Alternative voltages and frequencies (power)



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Accessories & Options

Model	VCA 1000
Standards	ASTM D445/D446, ISO 3104/3105, IP 71
Applications	Newtonian Liquids
Size (WxLxH)	38 × 40 × 74 cm
Weight	32 kg
Operating System	Windows 10 – PDF
Screen	10.1" Touch
Result Storage Capacity	10,000 Test
Timing Unit	Second
Power Supply	220V, 50–60 Hz
Power Consumption	Max 500 W
Operating Environment	10°C to 50°C
Oil Bath Capacity	1.6 L
Temperature Range	5°C to 150°C (with chiller options)
Temperature Resolution	0.01°C
Sample Capacity	2 x Samples
Heating Function	Yes (Integrated with sample holder)
Washing Capacity	2 x Solvent Input
Sample Volume	20 ml
Solvent (per test)	10–20 ml
HS Code	90278990