

VS800 Portable Kinematic Viscometer



SOOHOW INSTRUMENT SUPPORT
HIGH-END MANUFACTURING IN CHINA
SOOHOW

PERFORMANCE CHARACTERISTICS

- Test methods and accuracy meet ASTM D8092.
- Allows testing of virtually any sample, including clear, black and heavily contaminated oil samples, without any pre-treatment.
- Requires fewer consumables, lower processing costs and less environmental impact
- split-cell capillary sample cell, easy to clean, simply wipe the surface of the cuvette with a non-abrasive cleaning pad.
- Only 60 μL of oil is required, sampling does not affect the lubricant level; volumetric pipette gun ensures accurate measurements.
- Eliminates solvent transportation and waste liquid discharge problems, and is easier to use in the field.
- No pre-testing is required and each sample maintains a constant temperature during testing.

APPLICATION FIELD



TECHNICAL PARAMETER

Project	Data
Monitor	2.8" LED display:320X240 Pixels
Input method	4-wire resistive touch screen
Connector	USB port
Battery module	24V;2600mA;Rechargeable support
Cuvette	Open-fit capillary cuvette
Photoelectric sensors	Counter-reflective photoelectric sensors
Software	Embedded software
Data storage and export	Built-in memory (maximum support for 1000 groups of data storage); external USB export mode (table)
Viscosity range	10-350 cSt @ 40°C
Precision	$\leq \pm 3\%$ of measured value
Repeatable	RSD $\leq \pm 3\%$, typical
Measured temperature	40 °C Kinematic viscosity ; $\pm 0.1^\circ\text{C}$ temperature control
Power adapter	DC24V Power Adapter
Size	201mm*119mm*155mm(L*W*H)
Weight	1.5Kg