



SPECTRONICS INDIA

AN ISO 9001:2015 &
CE CERTIFIED COMPANY

DIGITAL VISCOMETER

MODEL SI-V195

Digital viscometers operate on the principle of how a fluid's internal friction affects its flow behavior. They typically measure the time it takes for a given amount of fluid to flow through a specific geometry (usually a capillary tube or rotating spindle) under controlled conditions. The measurement is then used to calculate the fluid's viscosity.

APPLICATIONS

- ◆ Dairy Products
- ◆ Juices, etc.
- ◆ Pharmaceuticals
- ◆ Polymer Solutions Oils Paints
- ◆ Inks latex Adhesives (Solvent Base)
- ◆ Coatings Solvents

SALIENT FEATURES

- Stepping Motor means Accurate, reliable operation
- Direct readout of all measurement parameters
- Auto Range Showing
- Time Function for measurement
- Sound alarm at under 20% Torque
- Linear calibration
- Wide range power supply: 100V-240V

ADVANTAGES OF DIGITAL VISCOMETERS:

- High precision and accuracy in viscosity measurement.
- Quick and repeatable measurements.
- Can be used for a wide range of fluid types, from low to high viscosities.
- Some models can measure at different shear rates, providing valuable information about the fluid's behaviour under different conditions.

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STANDARD ACCESSORIES



SPECIFICATION

Measuring Range (mPa.s)	20-2,000,000 m.pas
No of Standard Spindles	#1,#2,#3,#4 is standard configuration , (#0 is for optional)
Measurement Accuracy	±1.0% of range
Repeatability	±0.5%
Display	LCD
Temperature	RTD Monitoring Sensor Probe Yes
Output	RS 232 Interface
Environment	Temperature 5-35 °C Relative Humidity Not Larger Than 80%
Dimension LxWxH (mm)	370 x 325 x 280
Weight	6.8 Kg



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PRODUCT RANGE

Double Beam UV/VIS Spectrophotometer • Single Beam UV/VIS Spectrophotometer • Flame Photometer • Colorimeter
 • pH Meter • Conductivity Meter • DO Meter • Salinity Meter • Turbidity Meter • Colony Counter • Auto Karl- Fischer
 • Friability Apparatus • Melting Point Apparatus • Temperature Indicator • Water & Soil Analysis Kit • Portable pH Meter
 • Student Microscope • Binocular Microscope • Medical Microscope • Portable Instruments.



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