

iViscoPro Series

Precision Viscosity Measurement



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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is a trusted name in laboratory instruments, dedicated to delivering quality, innovation, and reliability. Our wide range of solutions is designed to meet international standards and support the needs of modern laboratories. Backed by strong service and customer support, we empower scientists and healthcare professionals to achieve excellence with confidence.

DEAR READER,

At iGene Labserve, we understand that accurate viscosity measurement is critical for quality control, formulation development, and research across industries.

This unified catalogue has been carefully created, enabling you to easily compare models and select the viscometer that best fits your application and workflow.

Each model in this range is engineered with precision, reliability, and ease of use in mind—delivering consistent performance in demanding laboratory and industrial environments.



PRODUCT INSIGHT

The iGene Labserve Viscometer range is designed for precise measurement of viscosity across a wide range of fluids, from low-viscosity liquids to highly viscous materials. Powered by a high accuracy stepping motor and intelligent electronics, these instruments provide direct digital readout of all critical parameters, ensuring repeatable and reliable results.

These viscometers are widely used in:

- Dairy products and beverages (juices, liquid foods)
- Pharmaceuticals and formulations
- Polymer solutions and oils
- Paints, coatings, and inks
- Latex, adhesives, and solvent-based materials

With multiple models available—digital display and advanced touch screen variants—the range caters to routine QC testing as well as advanced laboratory applications.

UNIFIED KEY FEATURES

- High-precision stepping motor for accurate and reliable operation
- Direct readout of all measurement parameters
- Auto-ranging function for easy interpretation of results
- Time function for controlled and repeatable measurements
- Audible alarm when torque falls below 20%
- Linear calibration for consistent accuracy across the range
- Wide power supply compatibility: 100–240 V AC
- RTD temperature monitoring with sensor probe
- RS-232 communication interface for data output
- Supplied with standard spindle set (#1, #2, #3, #4)
- Optional spindle #0 available
- High measurement performance:
 - Accuracy: $\pm 1.0\%$ of full range
 - Repeatability: $\pm 0.5\%$

DIGITAL VISCOMETER IG-195V

The IG-195V is a compact and robust digital viscometer designed for routine laboratory viscosity measurements. With a broad measuring range and stable mechanical design, it is ideal for quality control labs requiring dependable performance in a space-saving footprint.

KEY FEATURES

- Clear LCD digital display.
- Wide viscosity measuring range suitable for diverse samples.
- Compact dimensions and lower instrument weight.
- Ideal for routine QC and standard laboratory use.
- Stepping motor ensures accurate, reliable operation.
- Direct readout of all measurement parameters.
- Auto range showing:
 1. Time function for measurement
 2. Sound alarm at under 20% torque
 3. Linear calibration



DIGITAL VISCOMETER IG-200V

Model IG-200V offers enhanced capacity and an ergonomic design, making it suitable for laboratories that require extended testing flexibility. It combines precision measurement with a user-friendly digital interface.

KEY FEATURES

- LCD digital display with direct parameter readout
- Extended measuring range
- Stable construction for consistent long-term use
- Suitable for pharmaceutical, chemical, and industrial laboratories
- Stepping motor ensures accurate, reliable operation.
- Auto range showing:
 1. Time function for measurement
 2. Sound alarm at under 20% torque
 3. Linear calibration



TOUCH SCREEN VISCOMETER IG-205V

The IG-205V is a premium touch screen viscometer offering enhanced usability and a slightly extended low-end measurement capability. It is ideal for laboratories handling a wide variety of samples with varying viscosities.

KEY FEATURES

- High-resolution LCD touch screen display
- Extended low-range viscosity measurement
- Robust construction for continuous laboratory use
- Ideal for high-throughput and multi-user laboratories
- Stepping motor ensures accurate, reliable operation
- Auto range showing:
 1. Time function for measurement
 2. Sound alarm at under 20% torque
 3. Linear calibration



TECHNICAL SPECIFICATIONS

Parameter	IG-195V	IG-200V	IG-201V	IG-205V
Display	LCD Digital		LCD Touch Screen	
Measuring Range (mPa·s)	20 – 2,000,000	10 – 2,000,000		
Speed (RPM)	0.3, 0.6, 1.5, 3, 6, 12, 30, 60			
Measurement Accuracy	±1.0% of full range			
Repeatability	±0.5%			
Standard Spindles	#1, #2, #3, #4			
Optional Spindle	#0			
Temperature Monitoring	RTD Sensor Probe			
Output	RS-232 Interface			
Power Supply	AC 220 V / 50 Hz			
Dimensions (L × W × H) mm	370 × 325 × 280	400 × 350 × 360		
Weight	6.8 kg	9 kg		

ORDERING INFORMATION

Model Code	Product Description	Display Type	Viscosity Range (mPa·s)	Standard Accessories Included
IG-195V	Digital Viscometer	LCD Digital	20 – 2,000,000	Main unit, Spindle set (#1–#4), RTD probe, Power cord
IG-200V	Digital Viscometer	LCD Digital	10 – 2,000,000	Main unit, Spindle set (#1–#4), RTD probe, Power cord
IG-201V	Touch Screen Digital Viscometer	LCD Touch Screen	10 – 2,000,000	Main unit, Spindle set (#1–#4), RTD probe, Power cord
IG-205V	Touch Screen Viscometer	LCD Touch Screen	10 – 2,000,000	Main unit, Spindle set (#1–#4), RTD probe, Power cord

Standard supply (Applicable to all models)

Each iViscoPro viscometer is supplied as a ready-to-use system, including:

- Main Viscometer Unit
- Standard Spindle Set: #1, #2, #3, #4
- RTD Temperature Sensor Probe
- Power Cord (Indian standard)
- User Manual
- Calibration Certificate

(Optional spindle #0 available on request)

Optional Accessories

Accessory	Description
Optional Spindle	Spindle #0 for low viscosity samples
Additional Spindles	Individual replacement spindles
Data Cable	RS-232 communication cable
Calibration Oils	Standard viscosity reference oils
Stand / Support	Customized stand if required



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