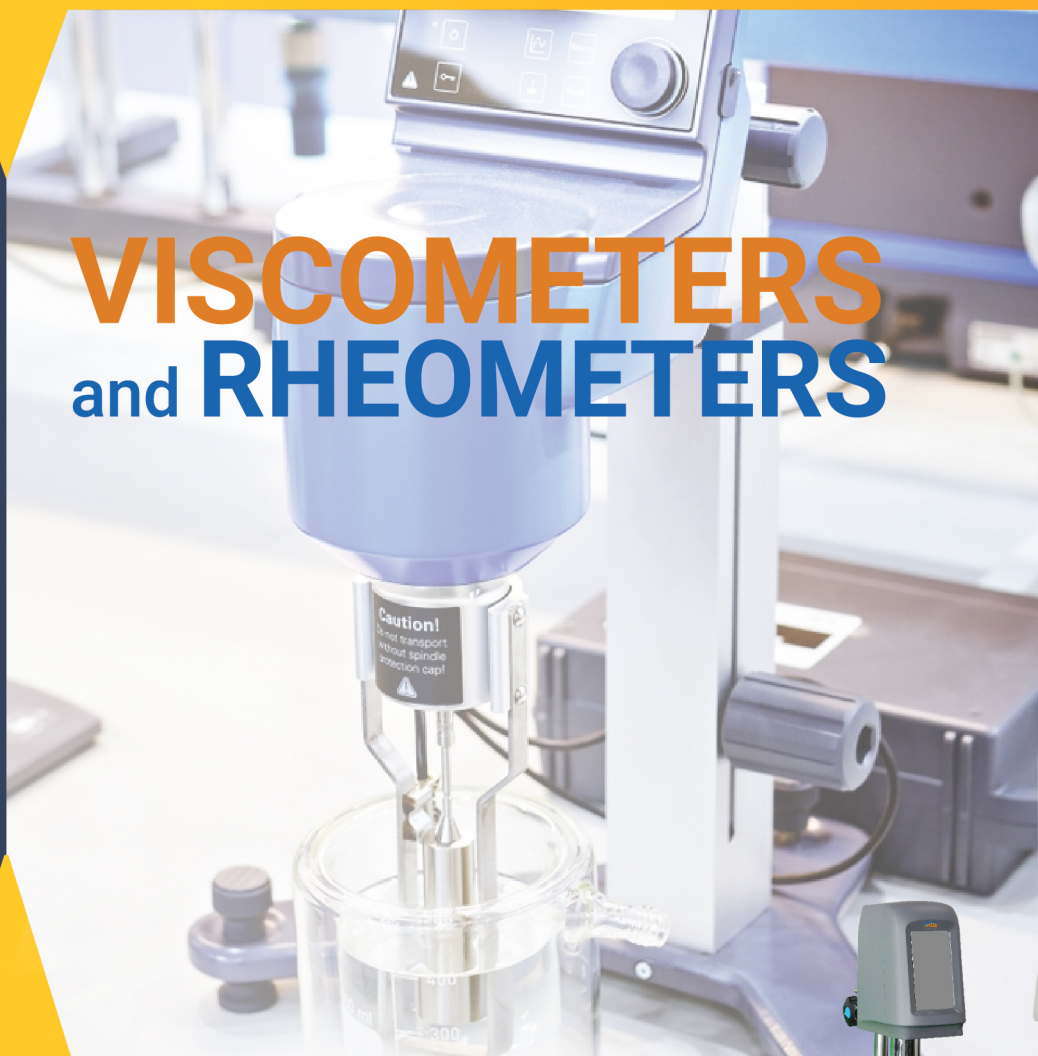


VISCOMETERS and RHEOMETERS



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Iris Viscometer is a modular and flexible viscosity measuring instrument design for quality control and industrial applications and measuring fluids with a higher viscosity. User can measure anything from the viscosity of a medicine to the viscosity of paint, coatings, cosmetics, inks, paper pulp, food, oil, starch, solvent-based glue, latex, and other biochemical products.

Our Viscometer is best choice for all laboratory and industrial solutions by providing excellent service to the user with complete details of instrument and accessories. We have Digital and Advanced Viscosity Meter that work at low and high thermal conditions. We provide quick and precise results of fluids samples, with average turnaround time. All our models are issued with a test and calibration certificate straight away from the company.

Digital Viscometer

Digital Viscometer compatible with automatic calibration, and to develop techniques for automating the measurement of viscosity. Design with Linux system and ARM technology measure dynamic viscosity and kinematic viscosity of opaque and transparent Newtonian liquid with additional features including digital display of viscosity, % torque, speed, spindle, upper viscosity limit and temperature probe, viscometer special thermostat bath, thermostat cup. For more detailed info on the Digital Viscometer please visit our page.



Digital Viscometer IVM-100 Series

Digital Viscometer IVM-100 Series ideal for the application in pharmaceutical, petroleum, food & beverage industries, pasteurization plant, cosmetic and other personal-care product also industries dealing with paint, rubber, latex, silicone, ink, glue, polymer, etc. works on the basic principle of fluids internal shear stress and is independent of gravity. Designed with stepping motor, alarm feature, and easy linear calibration giving accurate and precise output with respect to time. Design with digital display, stainless steel spindle, with a wide measuring range up to 100000 to 2000000 mPa.s, and rotor speed range from 6 to 60 rpm along with 4-speed steps. Available in LV spindles from 0 to 4, along with PT-100 temperature probe with $\pm 0.1\%$ accuracy and $\pm 0.5\%$ repeatability. Compatible with the audio system to read out parameters and convenient printing options.



- Designed with a stepper motor to divide a full rotation into an expansive number of steps
- Brushless, synchronous electrical motor for effective result
- Alarm beep for torque ranging below 20 %
- Easy linear calibration with provided oil standard for accurate and precise results
- Speed up to 60 RPM
- The audio readout for parameters
- Wider and much more industrial application
- Available in the different power supply of 100 – 240 V
- Output based on time
- Enabled with a micro printer for recording time output parameter
- Digital Display with backlight for clear output and user-friendly look
- Extremely quiet operation
- With a circulating water bath system for uniform sample processing
- Sample holder/Adapter for analyzing low viscosity with sample size 5 to 18 ml

Accessories

Accessories	Type
Circulating Water Bath	-
Sample Beaker	For Water Bath
Sample Adapter	For Low Viscosity
Oil Solution	Standard calibration
Printer	Micro
Temperature Probe	RTD
Spindle	LV-0 (optional)

Digital Viscometer IVM-200 series

Digital Viscometer IVM-200 series specially designed for textile, paint, and petroleum, chemical industries majorly dealing with inks, oils, solvents, and non-Newtonian liquid. Compatible with 7 types of the rotor for measuring high, low, medium viscosity reading with a multi-sampling feature saves time and gives efficient results. Integrated with digital LCD display, newly design temperature flume. Crafted with stainless steel spindle with, variety of rotors, it has a temperature sensor PT-100 and alarm option when a parameter exceeds the range, it is suitable for measuring range up to 100, 150, 750, and 7500 cP with speed up to 750, and 800 rpm with gear drive rotor.



- Comprises of 7 rotors each with multi sampling feature
- Stepper motor with expansive number of steps
- Also suitable for thixotropic non-Newtonian liquids
- Alarm beep for extreme parameter
- High accuracy, and stability
- Easy, simple, and convenient to use
- Easy touch feature for speed control
- Auto calibration for precise and consistent result
- Digital LCD Display with blue backlight and liquid crystal display
- Designed for AC electrical supply, not affected by fluctuating current
- Crafted with temperature flume for temperature consistency for better result
- PT-100 Temperature probe with range -50 to 200 °C
- Extremely quiet operation
- Enabled with mapping software for comparative analysis
- With the regulator for adjusting rotor speed as per user

Accessories

Accessories	Type
Printer	Mini
Temperature Flume	-
SNB Data Acquisition	-
Oil Solution	Standard calibration
Mapping Software	-
Spindle	LV-0 (optional)
2 Containers	A & B

Digital Viscometer IVM-300 Series

Digital Viscometer IVM-300 Series suitable for the application in pharmaceutical, petroleum, food & beverage industries, pasteurization plant, cosmetic and other personal-care product also industries dealing with paint, rubber, latex, silicone, ink, glue, polymer, etc. works on the basic principle of fluids internal shear stress and is independent of gravity. The IVM-300 series comes with an advanced touch screen with other useful accessories including a stepping motor, alarm system, newly design axle with brushless spindles provide smooth operation and easy linear calibration providing high accuracy and precision.



- Designed with a stepper motor to divide a full rotation into an expansive number of steps
- 5-inch LCD display with a user-friendly look and constant result display
- Brushless, synchronous electrical motor for effective result
- Alarm beep for torque below 20 %
- Easy linear calibration with provided oil standard for accurate and precise results
- Computerized easy linear calibration
- The audio readout for parameters
- Wider and much more industrial application
- Available in the different power supply of 100 – 240 V
- Output based on time
- Enabled with a micro printer for recording time output parameter
- Temperature sensor probe RTD with accuracy 0 to 100°C
- The result can be displayed in a variety of units
- Anti-static conducting plastic polymer with metal lift and shaft design
- Easy conversion and switch from dynamic to kinematic viscosity
- The newly designed axle spindle design
- Faster data processing and low power consumption with inbuilt ARM chip sensor
- Easy documentation with printing option
- Extremely quiet operation
- With the circulating water bath system for uniform sample processing
- Sample holder/adaptor for analyzing low viscosity with sample size 5 to 18 ml

Accessories

Accessories	Type
Circulating Water Bath	-
Sample Beaker	For Water Bath
Adapter	Low Viscosity
Oil Solution	Standard Calibration
Printer	Micro
Temperature Probe	RTD
Spindle	LV-0 (optional)

Digital Viscometer IVM-400 Series

Digital Viscometer IVM-400 Series contain spindles with axle featuring and makes the technology essentially for sectors such as the pharma, cyanoacrylate, coating, pasteurization, cosmetic, beverage, brewing, textile, printing industries, and other solvent-based solutions, polymer, rubber, oil, etc. Crafted with a 7-inch touch screen LCD display along with the manual and intelligent controller, RTD temperature probe, ARM sensor, a micro printer with a multi-layer graphics feature gives an accuracy of $\pm 1\%$ with a repeatability of $\pm 0.5\%$ and easy calibration assuring precession.



- Wide 7-inch touch screen with continuous parameters display feature for easy use
- Alarm beep option for parameters exceeding the range
- Easy linear calibration with oil standard via computerized methods
- RTD temperature probe with range up to 100 °C
- Quick and fast data processing with an ARM chip
- Compatible with external storage devices and inbuilt storage available
- Comes with a gigabit Ethernet port for fast and quick data transfer
- Newly design spindles with axle for easy use
- New anti-static and anti-friction design
- Easy to use operation with metal lifter
- Easy and automatic conversion from absolute to kinematic viscosity
- The result displayed in various units
- Operable interfaces
- Easy step by step procedure with high accuracy and repeatability of 0.1 and 0.5

Accessories

Accessories	Types
SNB Software	
Oil Solution	Standard Calibration
Printer	Micro
Adapter	Small Sample holder
Adapter	Ultra Low viscosity
Circulating Water Bath	
Sample Beaker	For Water Bath

Digital Viscometer IVM-500 Series

Digital Viscometer IVM-500 Series supplied with a range of spindles with rotor speed from 6 to 60, and 0.3 to 60 with measuring range from 100K to 2000K mPa.s with 7-inch LCD touch screen display, with measuring range 1 mPa.s for ultra-low viscosity and user-friendly interface and printer. Suitable for pharma, petroleum, food, beverage, brewing, industries, pasteurization plant, cosmetic and other personal-care products also industries dealing with paint, rubber, latex, silicone, ink, glue, polymer, etc. Designed with specific LV spindles, smart touch screen 7-inch display with temperature probe and sensors able to calculate both absolute viscosity and kinematic viscosity, convertible units.



- Wide 7-inch LCD Touch screen for user-friendly look
- Temperature probe PT-100 for higher accuracy -50°C to 200°C
- Faster data processing and low power consumption with inbuilt ARM chip sensor
- Convert the unit's parameters for better calculation
- Alarm beep for an extensive range
- Designed with easy to use wizard interface for well-defined steps
- Anti-static conducting plastic polymer with metal lift and shaft design
- LV brushless 316L stainless steel spindles for better result
- Extremely quiet operation
- Enabled with the micro printer for recording time output parameter
- Sample holder/Adapter for analyzing ultra-low viscosity up to 1 mPa.s with sample size 30 ml
- Enabled with an external circulation system for efficient cooling and sample consistency

Accessories

Accessories	Type
Spindle	LV-0 (optional)
Adapter	Ultra-low Viscosity
Printer	Mini
Oil Solution	Standard Calibration
Circulating Water Bath	
Thermometer	For Water Bath
1 Sample Beaker	For Water Bath

Digital Viscometer IVM-700 Series

Digital Viscometer IVM-700 Series is an automatic calibrating highly adaptable instrument. Measure the viscosity of a fluid with accurate viscosity reading in products such as paints, coatings, cosmetics, inks, paper pulp, food, oil, starch, solvent-based glue, latex, and other biochemical products, and as asphalt, wax, hot melt adhesives, etc. Build-in 30 groups of test programs, and 30 groups of measurement data, real-time display of viscosity curves, printing data, and curves.



- Comes with Linux system and ARM technology for quick and easy testing
- Automatic calibrations provide accurate test value and minimize error
- Suitable for measuring dynamic viscosity and kinematic viscosity with temperature, shear rate, shear stress, the measurement function
- CE certified
- Temperature ranging from -20 °C to 300 °C, and measuring precision 0.1 °C
- Build-in graphic display, alarm function, automatic scanning,
- Self-built 30 groups of test programs, and 30 groups of measurement data, real-time display of viscosity curves, printing data and curves
- With frontal level adjustment
- Use in paint, paint, cosmetics, ink, pulp, food, oil, starch, solvent adhesive, latex, biochemical products and other high viscosity industries

Optional Accessories

- Pt100 temperature probe
- R1 rotor, temperature sensor
- viscometer special thermostat bath
- Thermostat cup
- Printer

Digital Viscosity Meter IVM-900 Series

Digital Viscosity Meter IVM-900 Series is used to measure the viscosity of a fluid with accurate viscosity reading in products such as paints, coatings, cosmetics, inks, paper pulp, food, oil, starch, solvent-based glue, latex, and other biochemical products, and as asphalt, wax, hot melt adhesives, etc.(high-temperature).



- Build-in 5 inch color touch-screen display
- Comes with Linux system and ARM technology for quick and easy testing
- Automatic calibrations provide accurate test value and minimize error
- Suitable for measuring dynamic viscosity and kinematic viscosity with temperature, shear rate, shear stress, the measurement function
- CE certified
- Build-in graphic display, alarm function, automatic scanning,
- With frontal level adjustment
- Use in paints, coatings, cosmetics, inks, paper pulp, food, oil, starch, solvent-based glue, latex, and other biochemical products, and some items need for high-temperature melting, such as asphalt, wax, hot melt adhesives, etc

Optional Accessories

- Temperature probe
- Thermostatic water bath
- Thermostat cup
- Printer

Portable Viscometer IVM-1000 Series

Portable Viscometer IVM-1000 Series is a highly rugged and portable microcomputer control viscosity meter device used to measure fluid viscosity in the laboratory, outdoor, and other industrial factories. Used in the ink ,glue ,latex ,solvent adhesive ,polymer solution ,petroleum ,paint ,solvent ,cosmetic ,milk products, pharmaceutical ,juice and so on. Supplied with a range of spindles with rotor speed from 60, 100, 150, 200 rpm with measuring range from 200 to 1,200,000 mPa.s with LCD touch screen display.



- Used in the ink ,glue ,latex ,solvent adhesive ,polymer solution ,petroleum ,paint ,solvent ,cosmetic ,milk products ,pharmaceutical ,juice and so on
- Allow quick and rapid determination of viscosity during the working process
- Allow full-scale calibration with level linearity
- Build-in LCD display panel for conveniences viscosity reading
- Comes with a lithium battery continuous measuring eight hours without charging
- New design, liquid crystal display, prevent slippery handle, over-range alarm

High-Temperature Viscometer

High-Temperature Viscometer provides the most extensive and comprehensive range of Viscosity Meter for accurate and precise measurement of viscosity of the fluid at temperature up to -1°C to 150°C with usable viscosity range 50 to 10 mPa.s.



High-Temperature Viscometer IVM-1000 Series

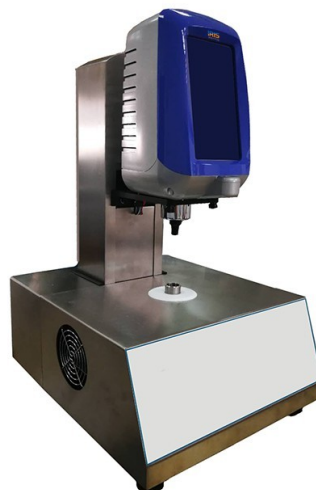
High-Temperature Viscometer IVM-1000 Series is suitable for Cyanoacrylate, adhesive, pharma, pasteurizing, textile, coating, food, beverage, agriculture, perfume industries, and personal care products, biomaterials, resins, polymer, varnish, petroleum product, grease, and more in qualitative analysis. Designed with a 7-inch LCD touch screen, easy to change spindles with 4 standard spindles of groove no. 21, 27, 28, 29, and 0 as optional. The Series requires comparatively less sample size, comes along with 16-bit micro-computer and SNB software gives an accurate, precise and fast reading for shear rate and stress with respect to time, easy auto-calibration and a high temperature it is able to measure both low and high viscosity from 1 to 10M range with accuracy $\pm 1.0\%$.



- 7-inch LCD display with a user-friendly look and constant result display
- Less sample size required for an accurate result
- Newly axle spindle design
- Wider and much more industrial application
- Anti-static conducting plastic polymer with metal lift and shaft design
- Available in the different power supply of 100 - 240 V
- Easy linear calibration with provided oil standard for accurate and precise results
- The result can be displayed in a variety of units
- Computerized easy linear calibration
- Enabled with External storage option
- High-security feature enabled with the password to secure data
- Easy conversion and switch from dynamic to kinematic viscosity
- Faster data processing and low power consumption with inbuilt ARM chip sensor
- Easy documentation with printing option
- Designed with a stepper motor to divide a full rotation into an expansive number of steps
- Brushless, synchronous electrical motor for effective result
- Alarm beep for torque below 20 %
- The audio readout for parameters
- Output based on time
- Enabled with the micro printer for recording time output parameter
- Temperature sensor probe RTD with accuracy 0 to 100°C
- Sample container: thermal insulation and steady temperature control
- Rapid and stable data transfer with Gigabit ethernet port
- Adjustable rotor speed making it flexible for all samples
- Spindle design with AISI 316 L stainless steel with 4 sets (21, 27, 28, 29 & 0) each for a specific purpose

High-Temperature Viscometer IVM-2000 Series

High-Temperature Viscometer IVM-2000 Series is suitable for low, medium, high viscosity measurements. Designed with a stepper motor to divide a full rotation into an expansive number of steps for high accuracy. Provide with 4 types of modes, 2 software, 11 compatible spindles, both the models give classic results with accuracy $\pm 1\%$ and repeatability $\pm 0.2\%$ with easy linear calibration, it is a compatible micro printer for quick data recording.



- Wide touch screen 7-inch display easy to use step by step operation
- Compatible with 11 spindles giving user a wide range of combinations for better result
- Automatic adjustment and positioning with electronic software
- Quick temperature control with the single-point controller
- Compatible with external storage
- Enable data transfer with USB interface and gigabit ethernet port
- DV Software to record data
- Displays all parameters temperature, along with shear rate and stress
- Advance privacy option enabled with a password for parameters
- Wide power supply ranging from 100 to 220 V AC
- LCD liquid crystal display for easy use
- SDisplay indicating temperature, viscosity, rotor speed, rotor type, rotor limit, and % torsion
- Anti-slippery design and skid-proof handle with a friendly look

Accessories

Accessories	Types
Spindles	SC4-21, 27, 28, 29 (Standard), SC4-14, 15, 16, 18, 25, 31, 34(optional)
Oil Solution	Standard calibration

High-Temperature Viscometer IVM-3000

High-Temperature Viscometer IVM-3000 is used for measuring time progress, the current measured temperature, setting temperature and measured viscosity value. It provides a useful function to control automatic rise and fall of viscosimeter, adjust rotor speed. Design with Real-time display and starch F1 rotor with sample volume range up to 30 ml, and measure sample temperature. The measurement and calculation of sample data are programmed by FDV starch gelatinization viscosity curve analysis software.



- Adopt FDV starch gelatinization viscosity for measurement and calculation
- The model comes with an F1 rotor function
- Extremely quiet operation
- Wider and much more industrial application
- Use new RTD temperature probe to monitor and measure the temperature of the viscosity in real-time
- Build-in digital display to display measuring a parameter
- Suitable for starch industries
- Easy, simple, and convenient to use
- Easy calibration for a precise and accurate result

