IRIS ANALYTICAL

VISCOMETERS and RHEOMETERS

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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 ±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

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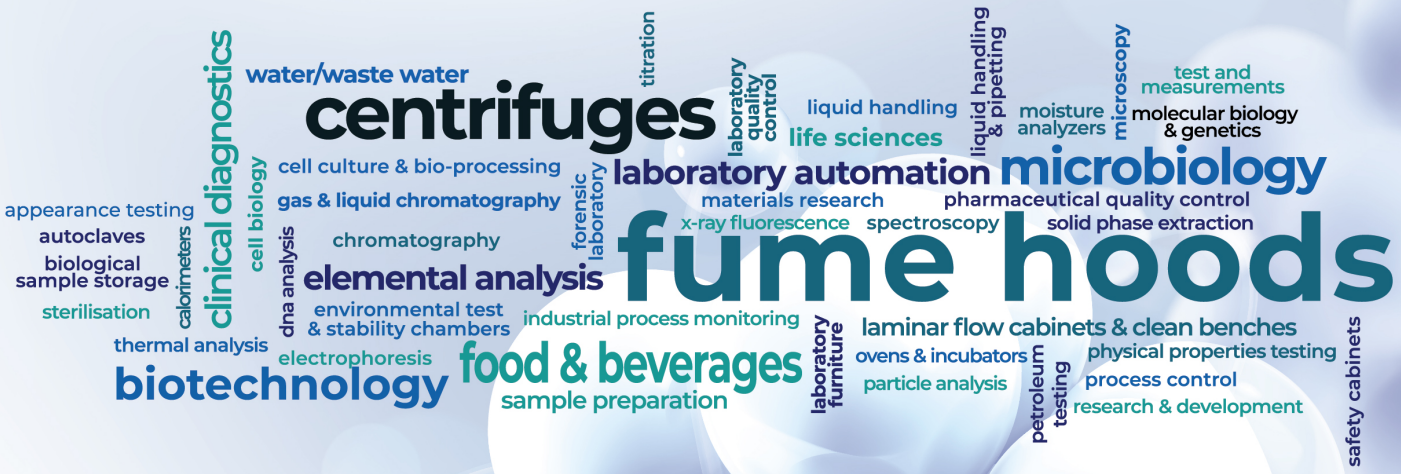

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