

Accurate Viscosity Measurements



According to RheoSense, its *m*-VROC 2.5 viscosity measurement analytical system has many advantages over conventional rotational and cone-and-plate viscometers, including accuracy, repeatability and ongoing cost effectiveness. The *m*-VROC 2.5, a complete measurement system, comes equipped with:

- A VROC chip that measures the viscosity of a liquid flowing through a fully contained microfluidic cell, thus eliminating air interface.
- Automatic chip recognition and closed-loop temperature control — for more control of the test environment, an optional air purge unit and a Peltier chiller can be added.
- The flexibility to analyze virtually any liquid viscosity value, Newtonian and non-Newtonian.
- Enhanced mechanical and electronic interfaces, making it easier to capture, view and record viscosity measurements.
- A wide measurement range (0.1- to 100,000-cP viscosity) and high shear rates.
- Accuracy with small sample volumes.
- Portability of the compact system, which easily transports from a laboratory to a production line for critical measurements.

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