m-VROC™

Choice of Leading Companies!

The Ideal Viscometric Characterization Platform

m-VROC™ is RheoSense's premium automated viscometer, capable of the most demanding applications, and is ideal as your wide-dynamic range R&D viscometer.

- Smallest Sample Volume – 20 µL
- Automated Temperature & Shear Rate Sweeps
- Fast Measurement Time
- Precise Temperature Control
- Wide Dynamic Viscosity Range: 0.2 ~ 100,000 mPas
- Shear Rate Range: 0.5 ~ 1,400,000 s^{-1}

- No Evaporation – No Air-Liquid Interface
- Characterization of Newtonian & Non-Newtonian
- Accuracy up to 2% of Reading
- Repeatable Measurement up to 0.05% of Reading

m-VROC™ is the leading small sample viscometer in fundamental applications and is used routinely by leading companies at multiple locations world-wide. It is the ultimate viscometric solution for small sample testing: as little as 50 µL and high shear rate viscosity measurement, up to 1,400,000 s^{-1}.

Specifications

Min Sample Volume	20 µl
Shear Rate Range, s^{-1}	0.5 ~ 1,400,000
Viscosity Range, mPa-s (cP)	0.2 ~ 100,000
Temperature Range	4 ~ 70 °C
Accuracy	2% of Reading
Repeatability	0.5% of Full Scale
Temperature Sensor	Built-In
Software	Included
Non-Newtonians?	Yes
Temperature Sweep	Yes
Shear Rate Sweep	Yes

| Contact: 925.866.3801 or info@RheoSense.com

RheoSense is a global high-tech company based in Silicon Valley. Our innovative *m*-VROC™ & *micro*VISC™ instruments feature patented **V**iscometer/**R**heometer-**o**n-a-**C**hip (VROC®) technology. Utilizing state-of-the-art MEMS and microfluidics breakthroughs that redefine the viscometry industry, our instruments offer the smallest sample volume per measurement coupled with exceptional ease-of-use and accuracy. We are the leader in biotechnology, pharmaceutical, and the emerging protein therapeutics industries.
RheoSense instruments have been rigorously tested, approved, and adopted worldwide by Fortune Global 500 companies and leading research universities.