RheoSense
Simply Precise®

# microVISC


100μL

## Portable, Small Sample Viscometer

*Choice of Leading Companies!*

*The ideal viscometric characterization platform*

# Why microVISC is Ideal for Your Routine and Frequent Viscosity Measurements

## Key Benefits

- Small smaple volume (100 µL)
- Fastest measurement time (less than a minute)
- Portable (weighs only 1 kg)
- Precise Temperature Control
- Battery operated
- No evaporation (no air-liquid interface)
- Easy operation
- Accuracy up to 2% of Reading

microVISC is the fastest viscometer for your routine viscosity measurement. The instrument is intuitively designed and users can start operating within a minute. microVISC employs RheoSense's patented Viscometer/Rheometer-on-a-Chip (VROC) technology and offers accurate and repeatable viscometry measurements, using sample size as small as 100 µL. microVISC can be deployed at any laboratory location or in the field.

microVISC has been adopted by leading companies worldwide as their choice for quick, easy, and rapid viscometry measurements. High precision and accuracy save time and resources.


**Applications**

microVISC is an integral part of R&D, manufacturing, and quality control:

- Biopharma & Protein Therapeutics
- Cosmeceuticals
- Inks: Conductive & Ceramic
- Coating
- Fracking
- Oils & Lubricants
- Rechargeable Battery
- Beverages
- Stamping Oil Recovery
- Hydrogels
- Ointments
- Suspensions

## Specifications

| | |
|---|---|
| Shear Rate Range | 1.7 ~ 5,800 |
| Viscosity Range, mPa-s (cP) | 0.2 ~ 20,000 |
| Temperature Range | 18~50 C |
| Repeatability | 0.5% of Full Scale |
| Temperature Sensor | Built-In |
| Software | Optional |
| Non-Newtonian? | Yes! |
| Temperature Accuracy | 0.15 |

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Contact: 925-866-3801 or sales@rheosense.com

*RheoSense is a global high tech company based in the Bay Area of California. Our innovative m-VROC, VROC initium, & microVISC viscometers 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.*