

# microVISC™

Choice of Industry Leaders!



ISO 9001:2015 CERTIFIED COMPANY



**RheoSense**  
Simply Precise™

**N-Wissen GmbH**

Exclusive Representative (Sales & Service)

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*microVISC™* is ideal for your routine and frequent viscosity measurements

- Small Sample Volume – 100  $\mu$ L
- Battery-Operated
- Fastest Measurement Time – Less than a Minute
- No Evaporation – No Air-Liquid Interface
- Portable – Weighs only 1 kg
- Easy Operation
- Precise Temperature Control
- 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  $\mu$ L. Battery-operated and portable, *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.

## Specifications

Min Sample Volume	100 $\mu$ L
Shear Rate Range, $s^{-1}$	1.7 ~ 5,800
Viscosity Range, mPa-s (cP)	0.2 ~ 20,000
Temperature Range	18 ~ 50 °C
Portable	Yes
Accuracy	2% of Reading
Repeatability	0.5% of Full Scale
Temperature Sensor	Built-In
Software	Optional
Non-Newtonians?	Yes
Temperature Accuracy	0.15

## 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



RheoSense is a global high-tech company based in Silicon Valley. Our innovative *m-VROC™* & *microVISC™* instruments feature patented Viscometer/Rheometer-on-a-Chip (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.