

New Generation 50 microliter, small sample Viscometer, *m*-VROC, from RheoSense!

RheoSense, the pioneer in MEMS-based microfluidic viscometers, has reached another milestone! We are proud to introduce the next generation viscometer, *m*-VROC. Based on the same patented dynamic flow channel technology as the original Lab-VROC, the new *m*-VROC takes viscosity measurement techniques to new heights with user friendliness, ergonomic design, and automation. You can expect unsurpassed precision!

Exciting new features are:

- The *m*-VROC comes as an enclosed system complete with all the required hardware providing high degree of accuracy and reproducibility.
- *m*-VROC requires the smallest sample volume of 50 μ L which is the target for protein and other biological formulations.
- Very user friendly and easy to set up.
- Portable design so the system can be implemented on or off the process line.
- An improved, optional temperature-control (via an external circulating water bath) is provided.
- An optional purge air supply (connected through an external source) prevents condensation inside the chamber when operating at low temperatures.



With the versatility of a wide measurement range (0.1 to 100k cP viscosity) and shear rates, the *m*-VROC is capable of analyzing virtually any liquid viscosity value. We are confident that the new *m*-VROC will meet your stringent R&D or QC requirements. RheoSense is excited to introduce the next generation of unique viscometers.



MEMS AND NEW PARADIGM FOR LIQUID FLOW MANAGEMENT

To receive additional information on *m*-VROC, please contact:

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