

microVISC, LAT

A viscosimeter/rheometer by the manufacturer RheoSense for sample volumes of 100 μl and up. It uses microfluidic sensor technology located on a chip which also comprises the measuring channel and pressure sensors. Powered by batteries, the device is fit for mobile use. Also if not equipped with the optional software, it can save up to 20 measuring results. The flow rate is set by the experimenter by means of a motorized moving syringe. The dimension of the measuring channel and thus the shear rate are known, the pressure is measured = viscosity.

Special features: Small sample volumes are sufficient; easy handling, high accuracy and reproducibility

Technical data:

Minimum sample quantity:	100 μl
Measuring range:	0.2 – 20,000 mPas (cP)
Shear rate:	1.7 – 5,800 s^{-1}
Weight:	1 kg
Temperature:	4 – 70°C is measured (0.1°C) and stored
Options:	Thermostat and software

Article	Order No.
Viscosimeter microVISC	10 20 10113

Viscosimeter for sample volumes of 20 μl and up available on request. Automatic viscosimeter available on request.

