

PORTABLE/DISPOSABLE VISCOMETER

Rapid and Accurate Viscosity Measurement



The simple-to-use Portable/Disposable Viscometer (N002-016)

The Portable/Disposable Viscometer is a simple to use, highly affordable, and accurate viscosity measuring device. This instrument consists of a support stand, calibrated weight, controlled needle and guide, and a disposable sample tube. Viscosity of the sample is determined by measuring the falling time of the needle through a predetermined distance of the sample. The falling time is measured automatically (N002-017) or manually by a stopwatch (N002-016). For Newtonian fluid, a table or graph will be supplied with the instrument. For non-Newtonian fluid, data reduction computer software is available.

BENEFITS:

- Inexpensive
- Disposable Sample Tube (4.5ml)
- No Sample Tube Cleaning
- Minimal Disturbance of Sample's Mechanical Structure and Particle Size Distribution
- Measures Absolute Viscosity without Instrument Calibration
- Enables Simple Field Viscosity Test
- Non-Newtonian Viscosity Measurements
- Quick and Easy Viscosity Measurements

SPECIFICATIONS:

- Viscosity Range: 5 to 10⁶ cP (mPa.s) (N002-016)
1 to 10⁶ cP (mPa.s) (N002-017)
- Temperature Range: Room
- Accuracy & Repeatability: Better than 3% (N002-016)
Better than 2% (N002-017)
- Test Sample Volume: Approx. 4mL
- Needle Material: Metal (Al, Ti, S.S.)
- Needle Densities: 6 to 300 g/cm³
- Total Instrument Weight: 2 kg (4.4 lbs)



Also available with an automatic timer for more accurate measurements (N002-017)

PART NUMBER	DESCRIPTION
N002-016	PORTABLE/DISPOSABLE VISCOMETER
N002-017	AUTOMATIC PORTABLE/DISPOSABLE VISCOMETER
N002-018	25 REPLACEMENT SYRINGES

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