

The **Grace Instrument M3600 Viscometer** is a true Couette, coaxial cylinder, rotational viscometer. It is engineered to meet the various fluid rheology measuring needs of our customers, from on-site oilfield personnel doing single-speed tests in harsh environments to laboratory researchers doing advanced rheology testing.

The **M3600** incorporates a steel framework, robust electronics and user-friendly interface for years of trouble-free operation and minimal maintenance. Clean-up between tests is easy and quick, and calibration is automatically performed with the push of a button.

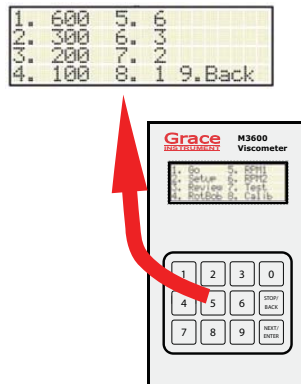
Used as a stand-alone unit, or with a Microsoft® Windows™ PC and the included **M3600daq™** and **M3600Frac™** software, the **M3600** provides versatile and affordable solutions to meet your viscometer needs.



The **M3600** has two operating modes:

1) Stand-alone Mode:

- Perform standard API tests by pressing two keys - Press **5**, **6**, or **7** to bring up a selection of pre-programmed tests, then press the key for the test you want.
- Quickly create multiple custom test steps and save the results of your tests.
- Review your test results quickly and easily.



The **M3600** incorporates years of customer feedback into its design:

- sturdy
- compact
- light weight
- automatic
- fully digital
- LCD display
- keypad control
- test data storage
- repeatable results
- low maintenance

Measurement Range (B1, B2, B5 bob):

- Sample size: 180 mL
- Speed: 0.01 to 600 rpm continuous
- Shear Rate: 0.0038 to 1020 S⁻¹
- Temperature: Ambient (20 °F w/chiller) to 212 °F
- Pressure: Atmospheric pressure
- Viscosity: 0.5 to 27,000,000 Centipoise
- Torque: 7 μN.m to 14 mN.m
- Shear Stress: 2 to 3,600 dyne/cm²
- Resolution: 1 dyne/cm²
- Accuracy: ±0.5% of torque span or better

Mechanical Specifications:

- Dimensions / Footprint: 16" tall x 5" wide x 8" deep
- Weight: 12.5 lbs

Electrical Supply:

- Viscometer Voltage: 90 VAC to 240 VAC
- Heater cup Voltage: 120 VAC or 240 VAC

M3600 geometries conform to API test specifications.

2) PC Interface Mode:

- Interface **M3600** with PC using **M3600daq™** or **M3600Frac™** software for advanced rheology test setup, control, display and data management.
- Microsoft® Windows™ based software
- Export data into Microsoft® Excel™
- Customize charts for data relationships

