



DIGITAL COAXIAL VISCOMETERS FOR LOW TO HIGH VISCOSITY FLUIDS - TORONVISC™ 79 SERIES

ToronVisc™ 79 Series from Torontech is a Brookfield®-style line of advanced digital coaxial rotational viscometers designed to deliver fast, accurate, and repeatable viscosity measurements across a wide viscosity range—from ultra-low to highly viscous samples. Engineered for precision and ease of use, these instruments are ideal for laboratories, manufacturing quality control, R&D, and process optimization.

Available in multiple models with various spindle and container options, the ToronVisc™ 79 Series provides real-time digital display, flexible speed control, and intelligent features such as automatic switching between dynamic and kinematic viscosity, built-in temperature sensing, and multi-unit conversion.

APPLICATIONS

Applications

- Paints, Coatings & Inks
- Adhesives & Sealants
- Pharmaceuticals & Biotech Formulations
- Cosmetic Creams, Gels & Lotions
- Food Products: Syrups, sauces, dairy, and juices
- Petrochemicals & Lubricants
- Polymer Solutions, Resins & Emulsions

The ToronVisc™ 79 Series offers a versatile solution for viscosity testing with plug-and-play operation, high measurement stability, and broad application compatibility. Its modular design and intelligent features make it an excellent choice for both routine QC and advanced materials research.

Whether you're testing ultra-thin solvents or thick pastes, Torontech's digital viscometers deliver reliable results with ease.

Part of the ToronVisc™ Product Line

Explore our full range of rotational viscometers, cone and plate systems, and high-shear rheometers for comprehensive viscosity and flow behavior analysis.

Footnote/Disclaimer:

Brookfield® is a registered trademark of AMETEK, Inc. Use of the term “Brookfield-style” refers to general compatibility with widely recognized testing protocols and does not imply any affiliation with or endorsement by AMETEK.

FEATURES

Key Features

- Built-in RTD Temperature Probe – Real-time temperature monitoring ensures accurate viscosity readings and enables automatic conversion between dynamic and kinematic viscosity.
- Durable Sensor & Shaft Design – Built for stability, precision, and long-term use with minimal drift.
- Multiple Viscosity Units – Switch between cP, mPa·s, Pa·s, and others for flexible reporting.
- Digital Display – Real-time data for viscosity, speed, torque, temperature, and spindle configuration.
- Linear Computer Calibration – Ensures high repeatability and accuracy over the full scale.
- Wide Power Compatibility – AC 100–240V operation with excellent noise and interference resistance.
- Optional Accessories – Thermostatic water bath, standard calibration oils, micro printer, and viscosity analysis software.

TECHNICAL SPECIFICATIONS

Model Comparison

Model	Viscosity Range	Speed Range (RPM)	Spindles	Container	Accuracy	Repeatability
ToronVisc™ 79	1 — 1,000,000 mPa.s (1M)	7.5 / 75 / 750	E,F,G	B container	±1.0% Full Scale	±0.5% Full Scale
ToronVisc™ 79A	1 — 1,500,000 mPa.s (1.5M)	7.5-750 (step: 100 RPM)	A,B,C,D	A container	±1.0% Full Scale	±0.5% Full Scale
ToronVisc™ 79B	1 — 7,500,000 mPa.s (7.5M)	11-750	E,F,G	B container	±1.0% Full Scale	±0.5% Full Scale
All models designed for low, medium, and high viscosity testing.						



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