



TORONTECH

PROGRAMMABLE DIGITAL COAXIAL VISCOMETER WITH ADVANCED RHEOLOGICAL FEATURES - TORONVISC™ 79P



Smart Touchscreen Viscometer for Low to High Viscosity Testing with Shear Rate Display

ToronVisc™ 79P is a next-generation programmable digital viscometer designed for professionals who need precise, flexible, and intelligent viscosity measurement. Featuring a vibrant touchscreen interface, gigabit data transfer, and support for rheological analysis, the 79P is ideal for advanced laboratories and production quality control settings.

Styled after traditional Brookfield-type viscometers, the ToronVisc™ 79P goes further by supporting real-time shear rate and shear stress display, external data storage, and password-protected calibration—making it an excellent tool for both standard and dynamic viscosity testing.

APPLICATIONS

Applications

The ToronVisc™ 79P is ideal for low, medium, and high viscosity measurement in:

- Paints, Coatings & Inks
- Cosmetics, Gels, Lotions
- Pharmaceutical Suspensions & Ointments
- Polymer Solutions and Resins
- Food Products (syrups, sauces, dairy)
- Adhesives, Emulsions, and Sealants
- Petrochemical Fluids & Lubricants
- R&D and Rheological Testing

The ToronVisc™ 79P is a powerful evolution of the Brookfield-style viscometer. It adds programmable control, rheological data support, and modern connectivity features to deliver a high-end solution for demanding viscosity analysis. Whether you need precision for R&D or reliability for daily quality control, this model ensures accurate and repeatable performance every time.

Part of the ToronVisc™ Family

Also explore the ToronVisc™ 79, 79A, and T Series models for specific testing environments and budget requirements.

Footnote/Disclaimer:

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

FEATURES

Key Features

- Advanced Touchscreen Display with real-time tracking of viscosity, torque, shear rate, and temperature
- Built-in RTD Temperature Probe for thermal accuracy and viscosity conversion
- Full Rheological Measurement Support with optional DV software
- Variable Speed Control: 0.1–750 RPM for versatile fluid testing
- Shear Rate Display from 0.02 to 3500 1/s
- Multiple Spindle Compatibility:
 - A, B, C, D spindles with A-type container (optional)
 - E, F, G spindles with B-type container
- Secure Calibration Access with password protection for temperature and viscosity settings
- Data Logging & Storage: Supports single-point, continuous, and timed measurements
- Gigabit Ethernet Port for stable and fast data transfer

- Multi-unit Measurement Options: mPa·s, cP, Pa·s and more
- Universal Power Supply: 100V-240V AC, built-in anti-interference design

TECHNICAL SPECIFICATIONS

Model Comparison

Specification	Details
Model	ToronVisc™ 79P
Viscosity Range	1 mPa·s – 75,000,000 mPa·s (75M cP)
Rotational Speed	0.1 – 750 RPM (fully variable)
Shear Rate	0.02 – 3500 1/s
Spindles	A-D (with A container, optional) / E-G (with B container)
Accuracy	±1.0% Full Scale
Repeatability	±0.5% Full Scale
Controller	Integrated intelligent touchscreen
Data Output	Gigabit Ethernet, USB, printer (optional)
Voltage	100–240V AC, 50/60 Hz



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