



HIGH-TEMPERATURE TOUCHSCREEN VISCOMETERS - TORONVISC™ AI250 / AI500

Advanced Viscometers for Hot Melt Adhesives, Pitch, Paraffin & High Polymers

ToronVisc™ AI250 and AI500 are cutting-edge high-temperature rotational viscometers purpose-built for measuring the viscosity of hot melt adhesives, waxes, pitch, paraffin, and high polymer materials. Engineered with an intuitive 7-inch touchscreen and advanced temperature control system, these models offer a seamless combination of precision, ease of use, and elevated temperature performance.

With optional SNB software integration, multiple spindle configurations, and automated positioning via a metal lifter, the AI-Series ensures efficient, repeatable testing across research labs and industrial QC environments.

APPLICATIONS

Applications

Ideal for high-temperature viscosity analysis of:

- Hot Melt Adhesives
- Bitumen, Pitch & Asphalt
- Waxes & Paraffin
- High Polymers & Thermoplastics
- Industrial Melt Testing
- Resin & Coating Material R&D

Optional Accessories

- SNB Viscosity Analysis Software
- Standard Viscosity Reference Oils
- External Fast Cooling Device

Whether you're testing molten adhesives or high-performance polymers, the ToronVisc™ AI250 and AI500 deliver the accuracy, control, and temperature range required in demanding production and lab settings. With touchscreen simplicity and industrial-grade construction, these models offer Brookfield-style performance with expanded usability.

Footnote/Disclaimer:

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

FEATURES

- 7" High-Resolution Touchscreen for real-time parameter monitoring
- Integrated Temperature Control with programmable settings
- Metal Lifter System for automatic positioning and ease of use
- Testing up to 250°C (AI250) or 500°C (AI500)
- Support for External Storage: Single-point, continuous, and timed data logging
- Secure Calibration Access for viscosity and temperature (password protected)
- USB and Gigabit Ethernet Connectivity for fast data export and device communication
- Optional SNB Software for detailed viscosity data recording
- Universal Voltage Power Supply: 100–240V AC, with anti-interference protection
- Includes Detailed Operation Guide for user-friendly setup and calibration

TECHNICAL SPECIFICATIONS

Specification	ToronVisc™ AI250	ToronVisc™ AI500
Viscosity Range	5 – 1,000,000 mPa·s or 50 – 10,000,000 mPa·s	5 – 1,000,000 mPa·s or 50 – 10,000,000 mPa·s
Temperature Range	Ambient +5°C to 250°C	Ambient +5°C to 500°C
Rotational Speed	0.1 – 200 RPM	0.1 – 200 RPM
Spindles	SC4-21, 27, 28, 29 (optional: SC4-14, 15, 16, 18, 25, 31, 34)	Same as AI250
Accuracy	±1.0% Full Scale	±1.0% Full Scale
Repeatability	±0.2% Full Scale	±0.2% Full Scale
Voltage	100–240V AC, 50/60Hz Output DC12V/1.5A	Same as AI250



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

