

byko-visc RT

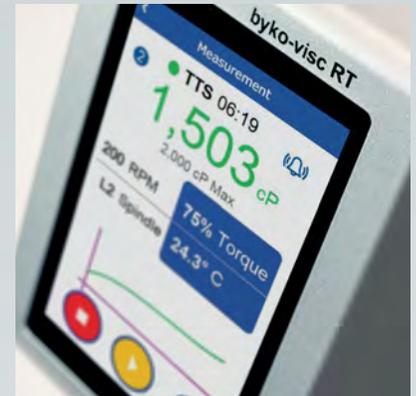
Rotate and Flow Through Thick and Thin

byko-visc RT Rotational Viscometer

Viscosity is an important material property which needs to be specified and controlled in order to optimize how a liquid flows, spreads, or levels under certain conditions.

As a manufacturer, viscosity specifications need to be developed and defined by R&D for the products used in specific conditions – often customization of recipes is required. In order to ensure a stable viscosity performance in production tests need to be run daily. The new byko-visc RT provides you all the flexibility needed for any measurement task.

- Robust Design
- Adjustable stand
- Easy snap-on spindle attachment
- Solvent resistant housing
- Plus, it's ready right out of the box – no assembly needed!



Versatility in application, sophistication and compatibility

Lacquers, paints, primers, resins, lubricants, pharmaceuticals, creams, lotions, liquid soaps, beverages, dressings, sauces, you name it ... With both models available with three different sensitivities and optional accessories, you can easily measure viscosity from a near water-like viscosity to a very high viscosity range to even the most viscous epoxies, sealants, and pastes.

Whether you're a professional looking to get the most accurate measurements possible or just need to know how thick your favorite paste is, byko-visc RT has you covered.

The byko-visc RT line is compatible with many other rotational viscometer models in terms of results, measurement parameters, and accessories, like spindles. This will also allow users to easily transition to a byko-visc RT system.



Precise and Repeatable Measurement

The byko-visc RT is the premier instrument for precise measurement results. Each test condition is recorded for detailed results analysis and review.

This precision is repeatable day-to-day and instrument-to-instrument thanks to BYK-Gardner's rigorous quality control. An ISO 17025 calibration certificate is supplied with each instrument to confirm this performance.

Ease-of-Use to increase efficiency

The new byko-visc offers an intuitive navigation, a multitude of control options, and a large capacitive color touch-screen display, which includes preset buttons to quickly recall often used measuring parameters. These benefits reduce operator time, meaning you'll spend less time waiting and more time getting your work done.



Convenient Adjustable Stand

The adjustable stand allows a user to easily raise and lower the viscometer head by twisting the knob on the side. This allows for appropriate ergonomics due to both counter, and operator height and preference.

No Effort Spindle Change

With the easy snap-on spindle attachment you can quickly switch out spindles with no effort. No need to screw on the spindle. This saves valuable operator time and protects the instrument!



Product Name	byko-visc RT Lite			byko-visc RT		
Catalog Number	8350	8351	8352	8356	8357	8358
Viscosity Test Type	Single Point Tests			Multi-Point and Ramp Tests		
Sensitivity	L	R	H	L	R	H
Max Spring Torque (mNm)	0,0673	0,7187	5,7498	0,0673	0,7187	5,7498
Viscosity Range (Cp or mPa.s)	1*-2M	5*-13 M	300-100 M	1*-6M	5*-40 M	300-320 M
Included Spindle Set	4	6	6	4	6	6
Speed Range (RPM)	0.3 to 200			0.1 to 250		
Number of Speeds	18 predefined speeds			Freely selectable within speeds range		
Accuracy	± 1.0% full scale range					
Repeatability	± 0.2 %					
Display	5" Color Touch Screen 800 × 600					
Data Display	Data display including report chart with numbers			Advanced data collection with on screen graphing		
Data Storage	Via USB Memory Stick			Via USB Memory Stick/Direct PC connecting		
Output	Dymo LabelWriter output for sample labeling					
Coupling	Spindle easy coupling					
Leveling	Electronic bubble leveling w/adjustable feet					
Pt100 Temperature Probe	Optional			Included		
Test Mode	Time to torque			Time to torque		
	Time to stop			Time to stop		
				QC limits		
				Ramp to speed		
				Curve Fitting		
Languages	English, German, French, Spanish, Italian, Russian, Chinese, Japanese					
Certification	CE/UL/CSA Approved					
Supply Voltage	Worldwide power supply, 24v voltage DC input/Separate 24 VDC power supply					
Warranty	2 years					

* with optional LVA low viscosity system

Meets ASTM and ISO Standards



The byko-visc RT is ideal to test the viscosity of your liquids and pastes in compliance with ASTM D2196, ISO 2555 and ISO1652 standards. With this level of precision, you can be sure that your measurements will be accurate every time.

Global Service and Support any time, anywhere

With our global presence and our network of qualified agents and resellers BYK-Gardner viscometers are available worldwide. Our warehouses around the world ensure short delivery times for instruments and accessories. The BYK-Gardner application department will support you globally with technical expertise on how to use byko-visc viscometers.

And to learn more, join one of our free WebSeminars on viscosity measurement. Visit our website www.byk-instruments.com for more information and our white paper, Viscosity and Viscometers: A Comprehensive Guide.

Our dedicated BYK-Gardner service points are there to help you get the most out of your instrument. Globally, we are available for recertification according to ISO 17025 or to meet your other technical service needs.

Standard configuration

- Instrument with stand and power supply
- Spindle set
- Spindle protector
- 17025 certificate
- Temperature probe (included with byko-visc RT, optional with RT Lite)

