

# Rotational Viscometers

## byko-visc Basic

The byko-visc Basic viscometer offers multi-functionality at an economical price. The easy to use controls allow for rapid incorporation into the lab. The byko-visc Basic is accurate and precise to meet the demands of today's laboratory requirements.

- Display information: Speed, % torque, viscosity values (cP or MPa's.), Spindle #, % of full scale
- Auto-Diagnostic check during startup
- 4 Line LCD Display with key board controls
- Audio alarm for out of range measurement values
- Multi-language: English, German, French, Italian, Spanish, Portuguese, Dutch, Polish, Japanese

## byko-visc Basic EX

The byko-visc Basic EX has the same features listed with the byko-visc Basic plus more:

- Programable features: Time to torque, Time to stop, Memory – 10 locations
- Temperature measurement with PT100 probe
- Data Display: Absolute Viscosity, Apparent Viscosity, Kinetic Viscosity (CSt, mm<sup>2</sup>/sec), Temperature (°C or °F), Shear rate, Shear stress, Density (with user input)
- Quick connect accessory for spindle attachment – also protects motor shaft mechanism
- USB cable for PC interface
- Datalogger software to transfer data to Excel® spreadsheet



byko-visc Basic

### Standards

<b>ASTM</b>	D2196,
<b>ISO</b>	2555, 1652
<b>BS</b>	6075, 5350

### Ordering Information

Cat. No.	Description
<b>8325</b>	byko-visc Basic L
<b>8326</b>	byko-visc Basic R
<b>8327</b>	byko-visc Basic H
<b>8328</b>	byko-visc Basic EX L
<b>8329</b>	byko-visc Basic EX R
<b>8330</b>	byko-visc Basic EX H

#### Comes complete with:

Viscosity head, Stand – with leveling adjustment,  
Boss head,  
Spindle set, Spindle protector, Spindle rack,  
Power cable,  
Calibration certificate,  
2-year warranty,  
Operating manual,  
Carry case

#### byko-visc Basic EX additional delivery content:

Quick disconnect accessory,  
PT100 probe,  
USB cable,  
Data logger software,  
USB port

### Technical Specifications

	No. of Spindles	Measuring Range (cP)
	4	20 - 2,000,000
	6	100 - 13,000,000
	6	200 - 106,000,000
	4	20 - 2,000,000
	6	100 - 13,000,000
	6	200 - 106,000,000
<b>Repeatability</b>	0.2%	
<b>Accuracy</b>	1.0% of range	
<b>Speeds / rpm</b>	0.3, 0.5, 0.6, 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 10, 12, 20, 30, 50, 60, 100	
<b>Voltage</b>	100 - 240V/ 50-60 Hz	
<b>Dimensions</b>	25 x 31 x 47 cm (9.8 x 12.2 x 18.5 in)	
<b>Instrument Weight</b>	3.25 kg (7.2 lb)	