

Intelligent Touch-screen Rotary Viscometer (Basic)

BGD 162 Intelligent Touch-screen Rotary Viscometers are the newest generation to take advantage of the power of the new technology. Compared with other rotary viscometers, BGD 162 are more stable, more precise and more easy to operate.

Features:

- ◆ Conforms ISO 1652, ISO 2555, ISO 3219, ASTM D2196, ASTM D2983 etc.
- ◆ 7 inch high definition colorful touch screen which show directly viscosity value, rotor speed, torque etc, easy and convenient to operate.
- ◆ Magnetic rotors, fast and easy to install or disassemble, also avoid the damage to small shaft.
- ◆ Built-in high precision electric gradienter and the screen show machine's level status, convenient and fast to adjust the levels.
- ◆ Strong compatibility, users can calibrate it by themselves.
- ◆ More samplings per one rotation
- ◆ With high sub-division stepper motor, the viscometer rotate with accurate speed, low noise and more stable. And the fluctuation of AC power frequency don't influence viscosity measurements.
- ◆ Showing viscosity value changes continuously and the machine would alarm when it's over measurement range.
- ◆ Calibrate linearly under the whole range by computer, measurement precision is $\pm 1.0\%$ of full range.
- ◆ For thixotropic Non-Newton fluid, timing function of viscometer can ensure to get a consistent measurement results.
- ◆ Toughened glass base, easy to clean and more durable.
- ◆ ARM chip processor, processing data more quickly
- ◆ Convert freely between various viscosity units, dynamic viscosity convert kinematic viscosity automatically
- ◆ Can export data by U disc

Ordering Information Parameters	BGD 162/1	BGD 162/2
Measurement Range (mPa.s)	10 ~ 100,000 (10^5)	10 ~ 2,000,000 (10^6)
Rotate Speed (r/min)	6, 12, 30, 60	0.3, 0.6, 1.5, 3.0, 6.0, 12, 30, 60
Come with Rotors	LV1, LV2, LV3, LV4 (LV0 for optional)	
Measurement Range of LV0 Rotor (Optional)	1 ~ 100 mPa.s	1 ~ 2,000 mPa.s
Measurement Accuracy	$\pm 1.0\%$ of full range (Newtonian fluids)	
Repeatability	$\pm 0.5\%$ of full range (Newtonian fluids)	
Power Supply	Power Supply Adapter: 110V/220V ; 50Hz/60Hz	
Overall Size/ Net Weight	200mm x 240mm x 620mm / 7KG	
Optional Accessories	BGD 162/Z-004--UL Test Assembly (LV 0 rotor + Specified Container, and the measuring range: 1 mPa.s ~ 100 mPa.s →BGD 162/1 ; 1 mPa.s ~ 2000 mPa.s→BGD162/2) BGD 845/846--Low-high Temperature Circulating Bath	



LV0 LV1 LV2 LV3 LV4
(optional)
Magnetic rotors
Convenient disassembly



Toughened glass base,
easy to clean



Scan for video

