

## Intelligent Touch-screen Rotary Viscometer (Professional)

**B**GD 155/S series professional viscometers are newest full touch screen products which are developed from Biuged BGD 155 viscometers. Add more functions as below on the base of BGD 155 viscometers.

◆ 7 inch high definition touch screen, easy to operate and display rich information. Powerful human-machine interface and various humanized operation menu for conversion.

- ◆ Anti-static shell and PC material lifting pole
- ◆ Build-in temperature probe RTD
- ◆ ARM chip processor: higher data processing speed
- ◆ New designed durable small axles
- ◆ Come with a gigabit ethernet interface to transfer data, reliable and quick.
- ◆ Come with USB interface, support operate to save measurement through external disk U: single point, continuous and timed saving ways for option.
- ◆ Come with RS 232 interface for optional, can print measuring data by mini-printer with less labor.
- ◆ Calibrated by users themselves, temperature and viscosity correction factor are protected by password, also can be modified by user when they have reliable and accurate data.
- ◆ Can measure viscosity by infinitely variable speed,

input any speed, the instrument would display the max. Measuring range under different rotors. Convenient for user to choose suitable testing parameters.

- ◆ Convert freely between various viscosity units, dynamic viscosity convert kinematic viscosity automatically
- ◆ Accompanied with detailed operation instruction



### Main Technical Parameters:

Ordering Information Parameters	BGD 155/1S	BGD 155/2S	BGD 155/3S
Measurement Range (mPa.s)	10-600,000 (600K)	10-6,000,000 (6M)	100-80,000,000 (80M)
R.P.M (per min)	1-60	0.1-100 (infinitely variable speed)	
Rotor Amount	No.1, No.2, No.3, No.4 are standard configurations (#0 is optional)		
Measurement Accuracy	± 1.0% (of the full range)		
Repeatability	± 0.5%		
Power Supply	Power Supply Adapter (input 110/240V 50Hz)		
Optional Accessories	BGD 1601---Low viscosity adapter (the No.0 rotor) BGD 1602---Small sample adapter (comes with NO.21、NO.27、NO.28、NO.29 rotors) BGD 1603---Mini single color printer BGD 1606---Viscometer data collection and graphing software		



### Note:

1. If customer need the small sample adapter, the machine would come with NO.21, NO.27, NO.28, NO.29 rotor (the normal rotors are No.1, No.2, No 3, No 4). Please clarify before ordering if extra rotors are required.

2. If selected the small sample adapter, the measurement range would be as below:

BGD 155/1S: 10-100,000 (100K) mPa.s

BGD 155/2S: 10-1,000,000 (1M) mPa.s

BGD 155/3S: 50-10,000,000 (10M) mPa.s