

# **Intelligent Touch Screen Digital Rotary Viscosimeter, 10~600K (600,000) mPa.s**

## **BGD 155-1S**

### **Product Description**

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BGD 155/S series professional viscometers are our latest full touch screen products. More functions have been added on the base of BGD 155 viscometers.

- 7 inch high definition touch screen, powerful easy to operate interface and user friendly 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
- Supplied with a gigabit ethernet interface to transfer data reliable and quickly.
- Supplied with USB interface, supports operate to save measurement through external disk U: single point, continuous and timed saving ways for option.
- Supplied with RS 232 interface, can print measuring data by mini-printer with less labor
- Can be calibrated by user, temperature and viscosity correction factor are protected by password, can also be modified by user when they have reliable and accurate data.
- Can measure viscosity by infinitely variable speed, select any speed, the instrument will display the maximum measuring range under different rotors. Convenient for user to choose suitable testing parameters
- Convert freely between various viscosity units, such as dynamic viscosity to kinematic viscosity
- Supplied with detailed operation instruction



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## Technical Specification

Model	BGD 155-1S	BGD 155-2S	BGD 155-3S
Measurement Range (mPa.s)	10-600,000 (600K)	10.0-6,000,000 (6M)	100.0-80,000,000 (80M)
R.P.M. (per minute)	1-60	0.1-100 (infinitely variable speed)	
Rotor Types	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: 100V~240V/50Hz		
Optional Accessories	<ul style="list-style-type: none"> <li>• BGD 1601- Low viscosity adapter (No.0 rotor)</li> <li>• BGD 1602- Small sample adapter (supplied with No.21, No.27, No.28, No. 29 rotors)</li> <li>• BGD 1603 - Mini single color printer</li> <li>• BGD 1607 - Viscometer data collection and graphing software</li> </ul>		

**NOTE:**

1. If customer would require the small sample adapter, the machine will be supplied with No.21, No.27, No.28, No.29 rotor (the standard 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

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## **Main Technical Parameters**

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Ordering information: BGD 155-1S Intelligent Touch Screen Digital Rotary Viscosimeter, 10~600K (600,000) mPa.s

## **Accessoires**

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- BGD 1600-SERIES - Standard oil 500 ml: See BGD 1600-Series
- BGD 1601 - Low Viscosity Adapter
- BGD 1602 - Small Sample Adapter
- BGD 1603 - Mini Single Color Printer
- BGD 1604 - RTD Thermometer (-20°C~120°C)
- BGD 1605 - Thermoses (RT10°C~250°C)
- BGD 1607 - Data collection and graphing software

## **Disclaimer**

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The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development