

# Intelligent Digital Rotary Viscometer

**BGD Series Intelligent Digital Rotary Viscometers** utilize a backlit LCD digital, 16 bit micro-computer and a highly accurate stepper motor. The meter is stable and accurate in motion.

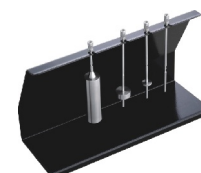
The display directly demonstrates the viscosity, rotating speed, rotor number and the maximum viscosity measured for the rotor selected for the current rotating speed. The main controlling board, subsection drive board are all manufactured by adopting the Surface Mount Technology (SMT). The circuit is adopted by the micro processor that is most advanced available. . An RS232 port is provided. The layout for printing can be set up by the user. The full range and linearity at points are adjusted by PC interface . Its performance and functions are of the highest standard.

The combination of the different-selected speeds ( adjustable variable speed) and the spindle set provides flexibility in operation, complying with numerous requirements of product analysis and industrial quality control standards.

Main Technical Parameters:

Main Technical Parameters:

Ordering Information Parameters	BGD 155/1	BGD 155/2	BGD 155/3
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	0.1–100
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 110/220V 50 /60Hz, output 15V 1.2A)		
Optical Accessories	BGD 1601---Low viscosity adapter ( the No.0 rotor ) BGD 1602---Small sample adapter ( come with NO.21、 NO.27、 NO.28、 NO.29 ) BGD 1603---Mini single color printer BGD 1606---Viscometer data collection and graphing software		



Rotors



Low viscosity adapter

## 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 155/1: 10-100,000 ( **100K** ) **mPa.s**

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

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