

## New Intelligent Touch-screen Rotary Viscometer

**B**GD 162 New 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:

- ◆ 7 inch high definition colorful touch screen, display more information, such as viscosity, speed, torque percentage, max. measurement range under current rotor and speed, easy to operate.
- ◆ Design a special buckle to disassemble or install rotors, decrease the damage to small shaft and make it be more durable.
- ◆ Toughened glass base, easy to clean
- ◆ User can calibrate viscometer by himself, no need to return manufacture.
- ◆ With Biuged patents, enable multiple sampling in one rotation. Other competitor only sample one time in one rotation.
- ◆ Rotate by high sub-division stepper motor driver, with accurate speed, low noise, stable movements. And the change of AC power frequency don't influence viscosity measurements.
- ◆ For thixotropic Non-Newton fluid, timing function of instrument can ensure to get a good consistent testing results.
- ◆ Driven by stepper motor directly, convenient to change speed , good reliability and no shaking.
- ◆ Display continuous change of viscosity, Alarm for over measuring range.
- ◆ Linear Calibration to full range by computer, measurement precision is  $\pm 1.0\%$  of full range.
- ◆ Switching adapter, wide range power supply input (100V-240V) for good anti-interference
- ◆ Anti-static shell and PC material lifting pole
- ◆ Durable new design with small shaft
- ◆ ARM chip processor, processing data more quickly
- ◆ With built-in high-precision electronic spirit levels, user can monitor the level in real time through the screen.
- ◆ Convert freely between various viscosity units, dynamic viscosity convert kinematic viscosity automatically
- ◆ Accompanied with detailed operation instruction and correction function for viscosity coefficient.

### Main Technical Parameters:

- ★ Rotors: No.1, No.2, No.3, No.4 ( No.0 is optional )
- ★ Measuring Range: 10 ~ 100, 000 ( 105 ) mPa.s
- ★ Rotate Speed: 6r/min, 12r/min, 30r/min, 60r/min
- ★ Measurement Precision:  $\pm 1.0\%$  of full range ( Newtonian fluids )
- ★ Measurement Repeatability:  $\pm 0.5\%$  of full range ( Newtonian fluids )
- ★ Electrical Power: 220V/50Hz
- ★ Weight: 10Kg
- ★ Dimensions: 308mm x 300mm x 450mm. ( L x W x H )
- ★ **Ordering Information:**  
BGD 162/1 --- New Intelligent Touch-screen Rotary Viscometers

