

Intelligent Touch-screen Rotothinner

BGD 180 Intelligent Touch-screen Rotothinner is a simple, easy-to-use rotary viscometer, it is used to measure sample viscosity character under three different shearing rates ($20S^{-1}$ 、 $44S^{-1}$ 、 $200S^{-1}$) , and also can be used to measure viscosity character of same sample depending shearing time.

It complies with ISO 2884-2 《Paints and varnishes — Determination of viscosity using rotary viscometers- Part 2:Disc or ball viscometer operated at a specified speed》 and BS 3900 A7 standards etc.

Features

- ◆ Comes with three spindles as below , meets different measuring ranges:
 - No.1 Disc Spindle:** for use with viscosities up to 1,5 Pa · s (1,500 mPa · s), with an average shear rate of approximately $200S^{-1}$ with a Newtonian fluid.
 - No.2 Big ball Spindle:** for use with viscosities up to 6,5 Pa · s (6,500 mPa · s), with an average shear rate of approximately $44S^{-1}$ with a Newtonian fluid.
 - No.3 Small ball Spindle:** for use with viscosities up to 34 Pa · s (34,000 mPa · s), with an average shear rate of approximately $20S^{-1}$ with a Newtonian fluid.
- ◆ 250 ml Standard container which complies with standard requirements: Inner diameter is 74mm, Height is 74mm
- ◆ Three reading modes: Manual, Holding max. value and Timing reading

Main Technical Parameters:

- ★ Range: 0 ~ 34Pa · s (0 ~ 34000 mPa · s)
- ★ Accuracy: $\pm 1.0\%$ of full scale range
- ★ Repeatability: $\pm 0.5\%$ of full scale range
- ★ Paddle Speed: 562 rpm $\pm 2\%$
- ★ Container Capacity: 250ml
- ★ Power Supply: 220V 50Hz
- ★ Overall Dimensions: 230mm × 180mm × 465mm (L × W × H)
- ★ Net Weight: 3 KG

★ Ordering Information:

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