

Falling Rod Viscometer

This unit is designed to measure the time it takes for a precision rod to fall 10cm. After several "fall times" are measured, the viscosity and yield value of the ink can be calculated by using the software included with the instrument or by using your own technique. This test conforms to ASTM D 4040-10 and ISO 12644 . " Standard Test Method for Rheological Properties of Paste Printing and Vehicles by the Falling-Rod Viscometer"

The basic system consists of the instrument stand, rod and collar, and a 100 gm weight.



Main Technical Parameters:

- ★ Falling rod size: ϕ 12mm \times 300mm
- ★ Falling rod weight: 132g
- ★ Timing precision: 0.01s
- ★ Viscosity range of interest: 2–200Pa.s (Non–newtonian fluid)
- ★ Mass of the weight load: 25–50–100–200–500–1,000
–1,000g (total 4075g)
- ★ Overall Size: 140mm \times 140mm \times 300mm
- ★ Package Weight: 18KG
- ★ Power Supply: 220V 50Hz
- ★ **Ordering Information:** BGD 611--- Falling Rod Viscometer