

Rotational Viscosity Meter

This rotational viscosity meter is designed for measuring the viscosity of fluids. It utilizes a rotating spindle immersed in the fluid, with resistance indicating viscosity.



Overview

Precision Rotational Viscosity Measurement

This rotational viscosity meter is designed to determine both the absolute viscosity of Newton liquids and the apparent viscosity of Non-Newton liquids. It is an ideal solution for quality control and research applications in industries such as petroleum, resin, paints, ink, cosmetics, and pharmaceuticals. Built for reliability, the instrument features a synchronous motor for constant speed operation and a compact, lightweight design that ensures ease of use and durability in professional environments.

Technical Specifications

Measurement Range

1 mPa·s

Minimum

1000000 mPa·s

Maximum

Rotation Speeds

- 750
- 75
- 7.5

Measurement Error

±5% (For Newton liquids)

Physical Dimensions

Weight

15 kg

Dimensions (L x W x H)

170mm x 140mm x 440mm

Power & Operation

Power Supply

AC220V±10%, 50 Hz

Motor Type

Synchronous motor (constant speed)

Applications

Suitable Industries

Petroleum, Resin, Paints, Ink, Cosmetics, Medicine, Asphalt