

# Rotational Viscosity Meter

This rotational viscometer is a precision instrument for measuring fluid viscosity. It uses a rotating spindle immersed in the fluid to measure resistance and determine viscosity.



## Overview

### Precision Viscosity Measurement

This rotational viscometer is engineered for determining the absolute viscosity of Newton liquids and apparent viscosity of non-Newton liquids. Designed in compliance with industry standards for asphalt and bituminous mixture testing, it is a versatile solution for analyzing asphalt, hot melt adhesives, paraffin, and high polymers. The instrument offers a sensitive, reliable, and convenient testing experience with minimal sample requirements.

## Technical Specifications

### Measurement Range

**100 mPa·s**

Min Range

**200000 mPa·s**

Max Range

### Spindle Configuration

- No. 21
- No. 27
- No. 28
- No. 29

**Spindle Speeds** 5 RPM, 10 RPM, 20 RPM, 50 RPM

**Measurement Error** ±1% (F·S)

**Sample Chamber Volume** 20 ml

## Temperature Control

**Temperature Range** Room temperature to 200°C

**Temperature Accuracy** ±0.1°C

## Operating Environment

**Power Supply** AC 220V±10%, 50 Hz

**Ambient Temperature** 5°C to 35°C

**Max Relative Humidity** 80 %

## Compliance & Usage

### Compatible Materials

Asphalt • Hot Melt Adhesive • Paraffin • High Polymer

### Compliance Standard

T0625 Asphalt Rotation Viscosity Test (Brookfield Viscometer Methods)