

**Product Name :**  
Rotational Viscometer High Performance Version

**Product Code :**  
TEST5176RFQLAB-0001



**Description :**

Rotational Viscometer (High Performance Version) for Testing Lab Equipment Tender Suppliers India

**Technical Specification :**

Rotational Viscometer: (High Performance Version.)

Apparent viscosity of unfilled asphalt is evaluated by a rotational viscometer which measures the torque generated by a calibrated spindle rotating at a selected speed into a bitumen sample heated at precise temperature in the range between ambient temperature to 260°C. The measured relative resistance to rotation is converted, by a factor, in viscosity units, cP or mPa-s.

Applications - Hot Melts Asphalt

**Specifications:**

Selectable speed r.p.m.

Selectable spindle SP

Viscosity reading cP (mPa-s) or cSt

Percentage of full scale

Sample temperature °C or F

Shear Rate (with coaxial spindles) SR (s<sup>-1</sup>)

Shear Stress (with coaxial spindles) SS (N/m<sup>2</sup>)

Density (introduced by the user) g/cm<sup>3</sup>

Viscosity reading: dynamic viscosity (cP or mPa-s) or kinematics viscosity (cSt).

Temperature reading by PT100.

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User-enabled viscosity and temperature calibration.

Viscosity Range: 100 - 40 000 000cP

Rotational Speed 0.01 – 200 rpm

USB, WIFI, Bluetooth

Data logger software and power supply cable.

Accessories:

Temperature control unit with temperature range from ambient plus 50C to 3000C : Voltage 230V/50-60Hz/1 ph.

Stainless steel reusable test chamber.



**Testing lab instruments India**