

Product Name :
Rotational Viscometer High Performance Version

Product Code :
TEST5176RTLBT-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⁻¹)

Shear Stress (with coaxial spindles) SS (N/m²)

Density (introduced by the user) g/cm³

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

Temperature reading by PT100.

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