

Models:

- RD-MB-012/S** – Standard Rotational Viscometer
RD-MB-012/P – High-performance Rotational Viscometer

Accessories:

- RT-MG-002/7S** – High Precision Bath up to 200 °C, 7 L capacity
RD-MB-012/zTR-Set – Spindle set "TR" type (TR8, TR9, TR10 and TR11)
RD-MB-012/zC1 – Testing cup for small sample volumes for spindle TR8 (int. dia. 25 mm)
RD-MB-012/zC2 – Testing cup for small sample volumes for spindle TR9, TR10, TR11 (int. dia. 19 mm)
RD-MB-012/zCC – Spindle-cup centering tool
RD-MB-012/zR-Set – Spindle set "R" type

Standards:

EN 13302
ASTM D2196, AASHTO T316, ASTM D44022

Description:

Rotational viscometer is used for determining the apparent viscosity by measuring the torque generated by a calibrated spindle rotating at a selected speed into a of bituminous binder heated at precise temperature in the range between ambient temperature to 200 °C. The measured relative resistance to rotation is converted, by a factor, in viscosity units - cP or mPa·s.

Main Features:

- 7" Touch screen;
- direct measure with time to stop;
- Integrated temperature probe PT100 up to 300 °C.

The rotational viscometer supplied complete with standard stand.



RD-MB-012/zC1



RD-MB-012/zCC



RD-MB-012/zTR-Set



RD-MB-012/zR-Set

Technical specifications:

	RD-MB-012/S	RD-MB-012/P
Viscosity range	15 - 60 million mPa·s	2 - 140 million mPa·s
Accuracy	± 1 %	
Repeatability	± 0.2 %	
Rotation speed (free selection)	0.3 - 250 rpm	0.3 - 1500 rpm
Torque range	0.05 - 13 mN·m	0.05 - 30 mN·m
Head dimensions (DxWxH)	180x130x230 mm	
Support rod length	500 mm	
Stand base dimensions (LxWxH)	280x200x30 mm	
Weight (approx.)	6.5 kg	
Power supply	220-230 V, 50-60 Hz, 1 Ph	