

Models:

RT-MB-004 – Double Post Efflux Viscometer (Standard Tar Viscometer - STV)

Accessories:

RT-MB-004/C2 – Efflux Viscosity Cup with aperture \varnothing 2 mm
RT-MB-004/S2 – Shutter for efflux viscosity cup with aperture \varnothing 2 mm
RT-MB-004/C4 – Efflux Viscosity Cup with aperture \varnothing 4 mm
RT-MB-004/S4 – Shutter for efflux viscosity cup with aperture \varnothing 4 mm
RT-MB-004/C10 – Efflux Viscosity Cup with aperture \varnothing 10 mm
RT-MB-004/S10 – Shutter for efflux viscosity cup with aperture \varnothing 10 mm
RT-MB-004/CC – Cover for efflux viscosity cup
RT-MG-101/G4 – Graduated Glass Cylinder, 100 ml

Related products:

RT-MG-001/15L – Water Bath with external circulation circuit, 15 L capacity

Standards:

EN 12846-1/2, EN 13357

Description:

RT-MB-004 is used for determining efflux time of cutback bitumen, fluxed bituminous binders and bituminous emulsions through a 2 mm, 4 mm, or 10 mm diameter aperture at a specified temperature.

The apparatus consists of two testing posts housed in an insulated water tank with internal circulation, heating and cooling coil for connection to the water supply or to the external water bath. RT-MB-004 insures precise test temperatures from ambient (5 °C) to 80 °C due to a high-precision temperature sensor and PID controller, that provides resolution ± 0.1 °C.

The viscometer is equipped with safety water level sensor and LED lighting for the test area. Made entirely of stainless steel.

Efflux viscosity cups with covers, shutters, and graduated glass cylinders should be ordered separately. See accessories.

EN 13357 requires efflux viscosity cups with apertures \varnothing 4 mm, and \varnothing 10 mm. EN 12846-1/2 requires efflux viscosity cups with apertures \varnothing 2 mm, \varnothing 4 mm, and \varnothing 10 mm.



Technical specifications:

Temperature range: ambient (5 °C) to	80 °C
Resolution	0.1 °C
Accuracy in the range of 15-40 °C	± 0.1 °C
Dimensions (LxWxH)	380x280x600 mm
Weight (approx.)	10 kg
Max. power demand	500 W
Power supply	220-230 V, 50 Hz, 1 Ph