

DYNAMIC VISCOSITY DETERMINATION

B088N VISCOMETER BATH

STANDARDS: EN 12595 | ASTM D2170

This viscometer bath is used to determine both the Dynamic and Kinematic viscosity of liquid asphalts, keeping the capillary type viscometers at a uniform temperature.

Consisting of:

- Borosilicate glass container 15 liters capacity
- Additional tempered glass container
- Stainless steel base with insulating cork sheet
- Stainless steel control box with selector and digital temperature reading

- Stainless steel lid with five holes for capillaries

Temperature range: room to 150 °C, ± 0.02 °C stability

Allows to simultaneous temperate five capillaries.

Viscometers and thermometers **are not included**.

Power supply: 230V 1ph 50-60Hz 1200W

Dimensions: 600x340x600 mm

Weight: 25 kg approx.



B088N



B088

B088 VISCOMETER BATH

STANDARD: EN 12595

Similar to model B088N but with ± 0.1 °C stability, according to EN 12595 specifications.

Power supply: 230V 50/60Hz 1200W

Dimensions: 350x350x520 mm

Weight: 15 Kg approx.

ACCESSORIES

B088-03N SILICONE OIL, type 50 cSt, for tests with B088N bath with temperature range: 100 °C up to 150 °C.
Can of 20 kg

B088-05N HOLDER, stainless steel made, for Cannon-Manning and Asphalt Institute viscometers

B088-06N HOLDER, stainless steel made, for Cannon-Fenske viscometers

B088-07N HOLDER, stainless steel made, for Zeitfuchs cross-arm viscometers

B088-08N HOLDER, stainless steel made, for Cannon BS reverse flow viscometers

B088-12A KINEMATIC VISCOSITY THERMOMETER ALCOHOL, range 58.5 to 61.5 °C, type ASTM 47C

B088-13A KINEMATIC VISCOSITY THERMOMETER ALCOHOL, range 133.5 to 136.5 °C, type ASTM 110C

B088-01N VACUUM VISCOMETER BATH

STANDARDS: EN 12596 | ASTM D2171 | AASHTO T202 | IP 222

This Vacuum Viscometer Bath is specially designed for tests that require ultra – precise temperature and vacuum control, or processes that need to be followed visually. All wetted parts are made of stainless steel, providing resistance against all usual bath fluids. The bath can be operated from ambient +5 (with a cooling system) up to +230 °C (41...446 °F). The set point can be set in steps of 0.01 °C. The system overall accuracy is within ± 0.01 °C. After the temperature control is stable, the offset can even be adjusted with ± 0.005 °C. The Bath is already equipped with the digital vacuum controller, the vacuum manifold to offer 4 positions and all tubing to perform the test. This system further offers high precision and feedback regulation on the vacuum, within 0,5 mm Hg (or mBar) of its set point.

Power supply: 230V, 50-60Hz

Dimensions: 720 x 400 x 590 mm

Weight: 50 Kg approx.

TECHNICAL SPECIFICATIONS

- Temperature Range: Ambient to 230°C;
- Temperature Stability: ± 0.01 °C;
- Bath Volume: 40 litres;
- Pressure Range: 30 to 430 mBar (negative pressure);
- Pressure Accuracy: ± 0.5 mBar;
- Digital Vacuum Controller;
- 4 viscometer positions;
- Selectable readout via setup: mm Hg, mBar, PSI



B088-01N