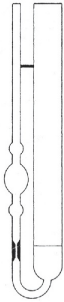


DATA SHEET

Dynamic Viscometers



81-B0117/1 to 81-B0117/11

General description

Cannon-Manning and Asphalt Institute vacuum viscometers

Used for determining the viscosity of bitumen at 60°C. Supplied complete with calibration certificate.

For determining the dynamic viscosity all the above viscometers have to be introduced in the 81-B0116/A Viscometer bath by the appropriate Holder: 81-B0117/H1 for Cannon-Manning models and 81-B0117/H2 for Asphalt institute models. Pressure regulator and vacuum manifold is also required. See accessories.

Viscometer bath is used in the determination of both the kinematic and dynamic viscosity. Used to maintain the capillary type viscometers at a uniform temperature. The bath consists of a cylindrical glass vessel with a stainless steel cover with 50.8 mm diameter holes, motor stirrer, refrigerating coil with water connections, heating system, contact thermometer, external protection and insulating base.

Standards

- ASTM D2171
- EN 12596

Specifications

Viscometer bath:

Temperature: room temp. +5°C to 150° C

Power: 2000 W

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Temperature stability: +/-0.03°C

Temperature sensor: PID

Jar capacity: approx.20 liters

6 viscometer tubes

Maximum temperature 200°C

Weight: approx.12 kg



81-PV0116/A Viscosity Bath



81-B0117/15 to 81-B0117/21

Products

81-B0117/1

Cannon-Manning vacuum viscometer 0.036 - 0.8 Pb

81-B0117/10

Cannon-Manning vacuum viscometer 1200 - 24000 Pb

81-B0117/11

Cannon-Manning vacuum viscometer 3600 - 80000 Pb

81-B0117/15

Asphalt Institute vacuum viscometer 42 - 800 Pb

81-B0117/16

Asphalt Institute vacuum viscometer 180 - 8200 Pb

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Asphalt Institute vacuum viscometer 600 - 12800 Pb

81-B0117/18

Asphalt Institute vacuum viscometer 2400-52000 Pb

81-B0117/2

Cannon-Manning vacuum viscometer 0.12 - 2.4 Pb

81-B0117/20

Asphalt Institute vacuum viscometers 9600-1400000 Pb

81-B0117/21

Asphalt Institute vacuum viscometers 38000-5800000Pb

81-B0117/3

Cannon-Manning vacuum viscometer 0.36 - 8 Pb

81-B0117/4

Cannon-Manning vacuum viscometer 1.2 - 24 Pb

81-B0117/5

Cannon-Manning vacuum viscometer 3.6 - 80 Pb

81-B0117/6

Cannon-Manning vacuum viscometer 12 - 240 Pb

81-B0117/7

Cannon-Manning vacuum viscometer 36 - 800 Pb

81-B0117/8

Cannon-Manning vacuum viscometer 120 - 2400 Pb

81-B0117/9

Cannon-Manning vacuum viscometer 360 - 8000 Pb

Accessories and consumables

81-B0116/H2

Holder for Zeitfuchs Cross-Arm viscometers

81-PV0116/A

Viscometer bath for capillary viscometers, max temperature 200°C, capacity 20 litres, complete with 6 holders. 230V/50-60Hz/1ph

81-PV0116/AZ

Viscometer bath for capillary viscometers, max temperature 200°C, capacity 20 litres, complete with 6 holders. 110V/60Hz/1ph

81-B0116/B

Viscometer pressure regulator. Used to control precisely the pressure. 110-230V/50-60Hz/1Ph

81-B0116/C

Vacuum manifold. Used for vacuum application to the viscometers placed on the bath

82-B0116/40MF

Kinematic/dynamic viscosity thermometer IP 35C ASTM 47C, range +58,5 to +61,5°C, mercury free with alternative liquid

82-B0116/45MF

Kinematic/dynamic viscosity thermometer IP 93C ASTM 110C, range +133,5 to +136,5°C, mercury free with alternative liquid

DATA SHEET
