



10-102-000 Digital Penetrometer

Standards

ASTM D5, ASTM D217, ASTM D937, ASTM D1321, ASTM D1403, ASTM D5329, ASTM D7342, DIN 51579, DIN 51580, EN 1426, EN 13179-2, EN 13880-3, ISO 2137, IP 50, IP 179, IP 310, IP 376, DAB 10-V.5.8.1



Application

Digital penetrometer with microcontroller for determination of ductility/ stiffness of ductile and elastic masses (lubricating grease, salves, creams, pastes, bitumen) via penetration.

Features

The machined aluminium base is fitted with a flexible light with dimmer switch, and a spirit level. The counterbalanced head has a geared two-speed raising and lowering mechanism, and contains the control circuits, keypad and fluorescent display. The head may be rotated through 180°.

Technical Data

Display	Digital: mm or PEN
Penetration Range	0 – 63 mm or 0 – 630 PEN
Display Accuracy	0.1 mm or 1 PEN
Penetration Time	1- 9999 s



Dimensions and Connection

Dimensions (WxDxH)	300 x 330 x 590 mm
Weight	12.5 kg
Mains	single phase, 220/240 V, 50/60 Hz or 110/120V (switchable)
Power	40 W
Interfaces	RS232C
Air	n.a.
Cooling	n.a.
Others	n.a.

Accessories

incl.	Articlenumber	Description
1	10-202-000	Digital Penetrometer
1	10-100-014	Plunger 47.5g
1	10-100-015	Weight 100g
1	10-100-016	Weight 50g
-	10-100-100	Calibration kit for penetrometer, 5/9/15/25 mm
-	10-100-101	Additional price for a DKD - certificate

A wide range of penetrators according to the relevant standards are available in a separate product information.

Customized penetrators on request.