



40-602-009 Penetrometer for Pipes RP 3 Air

Standards

DIN EN 14901, DIN 30670, ISO 21809, ASTM G 17



Application

The RP 3 Air penetrometer is designed to perform standard-compliant measurements for determining the indentation resistance on pipes in air.

Features

The COESFELD RP 3 Air penetrometer consists of a heating chamber with three fixed test points for determining the indentation resistance.

With the built-in digital displacement gauges, the penetration of the penetration needle into the test specimen is measured during the test.

The test stations can be adapted to different standards (depending on the ordered option) by simple mechanical modification.

The target temperature is set directly at the heating chamber.

Technical Data

Device	RP 3 Air
Number of testing stations	3
Temperature Range	RT + 10 °C to 300 °C
Temperature Stability	± 2°C
Temperature control medium	Air

Dimensions and Connection

Mains	230 V, 50/60 Hz
Power	approx. 1600 W
Dimension (DxWxH)	approx. 434 x 585 x 890 mm
Weight	approx. 55 kg



DIN EN
ISO 9001



DIN EN ISO
IEC 17025
D-K-15093-01-00



Partlist

Item No.	Description
40-602-009	Penetrometer for Pipes RP 3 Air
40-051	Flat tip indenter 2,5 mm diameter (DIN 30 670)*
40-063	Flat tip indenter 6,35 mm diameter (ASTM G17)*
40-057	Additional weight 2,25 kg (DIN 30 670)*
40-064	Additional weight 4,36 kg (ASTM G17)*
40-605	PC-Extension MDE-RP-3 for RP 3 Air for 3 Specimen

* Note: The number of indenters and weights depends on the number of testing stations, e.g. for 3 testing stations there must be ordered 3 indenters and 3 weights.