

B059M : Fully Automatic Penetrometer

STANDARDS : EN 1426, ASTM D5, NF T66-004, AASHTO T49, BS 1377:2, JIS K 2207, IP 49, DIN 52210, ASTM D217

The instrument automatically reaches the contact point before starting the test and the penetration result is measured thanks to a high performance contactless displacement transducer. SMARTIP can be implemented with the device for an automatic measurement of electrically conductive samples (model B059M-01), in order to improve the material tested range.

Main features :

- Fully automatic test.
- Automatic identification of the needle contact point and needle positioning, avoiding any possible operator lack of concentration and ensuring a reliable repeatability of the results.
- Electro-magnetic needle probe release to perform the test.
- Automatic zero at the contact before starting penetration
- Penetration measurement thanks to a high-tech contactless displacement transducer with 0.01 mm resolution, in a range of 0 - 50 mm.
- 7" touch screen display equipped with an userfriendly software and clear interface.
- Real time display of penetration/time curve, average result and test temperature.



Spare parts :

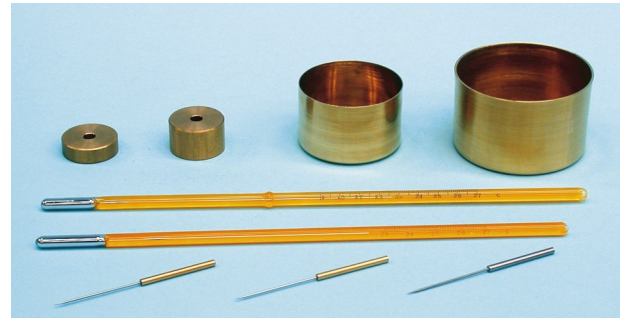
B057-04N Slotted weight 50 g

B057-05N Slotted weight 100 g

B057-07 Penetration needle, Steel, Verified

V122-05 Sample cup dia. 55x35 mm

V122-06 Sample cup dia. 70x45 mm



Spare parts

Accessories :

B057-03 Transfer dish

B057-06 Penetration needle, UKAS

B057-07L Long penetration needle

B057-08 ASTM, IP, NF Thermometers

B057-09 Standard penetration cone

B058-01 Water bath dish

B058 Thermostatically Controlled Water Bath



B058