

**Product Name :**  
Astra Scientific Digital Penetrometer

**Product Code :**  
ASTBATE-0011



**Description :**

Astra Scientific Digital Penetrometer

**Technical Specification :**

Specification: Cast iron base with leveling screws, digital penetration measurement gauge 0.01 mm precision, release button, automatic zeroing. Semi-automatic model is supplied complete with automatic controller, which automatically releases the plunger by a magnetic device, complete with micrometer vertical adjustment and adjustable electronic timer of the fall time, according to EN 1426, ASTM D5, AASHTO T49. Both models are fit with a micrometer vertical adjustment device. Needles, cups, thermometer and mirror are not included and have to be ordered separately. See accessories.

The instrument is provided with lead screw gear arrangement, Leveling screws, Spirit level. The head can be clamped at any desired height. A rack and pinion and pointer assemble provides fine adjustment of needle or cone tip to sample. It incorporates a clutch mechanism. Which makes reading of penetration and subsequent resetting a simple and accurate operation. The electronic timer allows the user to set up and read the fall time of the needle during testing.

The test should be performed placing the penetration cup in thermostatically controlled water, using a suitable device as our water

bath with thermoregulator and immersed probe (see accessories).

- Weight approx.: 8.5 kg



## **Astra Scientific**

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