

# Setamatic Penetrometer

ASTM D5; D217; D937; D1403; D1321; D2884; IP 49; IP 50; IP 179; IP 310; IP 376; BS 1377; BS 2000 Parts 49, 50 & 179; BS 2499 Part 3; EN 1426; ISO 2137; DIN 51 579; DIN 51 580; NF T60-132; NF T60-140; NF T66-004; JIS K2220

- Microprocessor controlled
- Penetration range 0 to 630 Pen (63mm)
- Timer range 1 to 9999 seconds
- Automatic plunger release and retention
- Flexi light
- RS232C interface

The Setamatic Penetrometer is a microprocessor-controlled instrument with a range of 0 to 63mm (630 Pen). Plunger release and retention is automatic and results are shown on the digital display in either millimetres or 'pen' units. Soak and penetration times may be set from 0 to 9999 seconds. An RS232C interface is provided for connection to a personal computer.

The machined aluminium base is fitted with a flexible light with dimmer switch and a spirit level. The counter balanced 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°

The Penetrometer is supplied with a 47.5g plunger, 50g and 100g plunger weights, mains lead and instruction manual.



## 17500-0 Specifications:

Penetration Range:	0 to 630 Pen (63mm)
Penetration Time:	1 to 9999 seconds, fully variable
Retention/Release:	Automatic
Display:	4 Digit, Fluorescent
Voltage:	110/120V or 220/240V, 50/60Hz (switchable)
Power:	40W
Size (HxWxD):	59x30x33 cm
Weight:	12.5 kg