

Automatic Penetration Tester

Cat. No. RPM-101

This is an automatic penetration tester that everybody can measure without any individual variations for such petroleum products as asphalt, wax and grease as well as silicon, cosmetics and foods, with a good maneuverability thanks to its bright VFD display and minimum number of switches.

[Features]

- 1) Bright and easy-to-read fluorescent VFD display
- 2) Measurement without any individual variations
- 3) Maximum penetration up to 62mm, with the increment of 0.01mm
- 4) Indicating the depth of penetration in mm, penetration degree and converted value of cone penetration

[Specifications]

- Testing methods : ASTM D5 & JIS K2207/K2208 (for asphalt)
ASTM D1321 & JIS K2235 (for wax)
ASTM D217, ISO 2137 & JIS K2220 (for cone penetration)
- Measuring range : 0 to 62mm (with 0.01mm increment)
- Wait time : 0 to 9,999.9 sec.
- Release time : 0 to 9,999.9 sec. (5 sec. at default)
- System control : Digital control by 4 bit CPU
- Display : Vacuum fluorescent display (24 digits x 2 lines)
- Data output : RS232C & printer interface
- Illumination : High intensity LED for observation
- Magnifier : Available in option
- Base : 300 x 210mm (effective dimension)
- Body : Aluminum die casting
- Power supply : AC 220V, 50/60Hz, single-phase
- Dimensions & weight : 300(W) x 440(D) x 350(H) mm
(without level foot), net about 5kg

(a) Set of standard accessories for asphalt, PPM/A

- Standard needle, standard plunger, aluminum cup, glass dish, triangle base, 50g weight and 100g weight (1 each)

(b) Set of standard accessories for wax, PPM/W

- Standard needle, standard plunger, sample cup and 50g weight

(c) Set of standard accessories for cone penetration, PPM/S

- 1/1B standard cone, standard plunger and sample cup
- * Option : 1/1A standard cone, 1/2 standard cone, 1/2 standard plunger, 1/2 sample cup, 1/4 standard cone, 1/4 standard plunger, 1/4 sample cup, exclusive laboratory jack

(d) Option :

- Digital printer, Ribbon cassette, Printer paper (20 rolls/set), Magnifier with flexible arm, Aluminum cup (i.d. 70 x 50mm)



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