



Penetrometer LD-LMPT-A12

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Overview

Penetrometer LMPT-A12 is a two grade low temperature controlled unit for determining penetration of pavement petroleum asphalt, modified asphalt, liquid petroleum asphalt and emulsified asphalt with time control. It has digital display which shows penetration number of sample. Separate automatic low temperature circulatory water bath for maintaining constant temperature on the unit. It is ideally used for different types of asphalt, food industries, highway engineering, etc.

Features:

- Digital display shows penetration number of the sample
- Two grade of timing control
- Adjustable needle holder
- Designed for low temperature measurement
- Circulatory water bath maintains constant temperature
- Low temperature can be preset for different specimens

Applications:

Widely used for determining needle penetration of pavement petroleum asphalt, modified asphalt, liquid petroleum asphalt and emulsified asphalt, also for solid particle, powder, colloid mixture, highway engineering and food materials such as glycine, cheese, butter, cream, leavening agents, etc.

Specifications:

Weight	40 kg
Pump Lift	2 m
Resolution	0.1 penetration
Penetrometer	<div class="tab-pane fade in active table-responsive" id="specification"><table class="table table-striped"><tbody><tr>Measurement range</div>
Power supply	AC 220V $\pm$ 10 %, 50 Hz
Time accuracy	$\pm$ 0.1 seconds
Power consumption	1200 W
Temperature range	5 °C to 60 °C
Timing controller	5 sec or 60 sec
Penetration accuracy	$\pm$ 1 penetration
Temperature accuracy	$\pm$ 0.1 °C

Circulatory Water Bath	<div class="tab-pane fade in active table-responsive" id="specification"><table class="table table-striped"><tbody><tr>Bath volume</div>
Dimensions (W × L × H)	600 × 400 × 650 mm
Weight of standard needle	2.5 ± 0.05 g
Circulatory water quantity	3 L/minute