

Product Name :
Automatic Asphalt Penetrometer

Product Code :
CHINAELABC4610001



Description :

Automatic Asphalt Penetrometer

Technical Specification :

This automatic penetrometer features advanced mechanical design with convenient lifting device.
Digital temperature controller brings the instrument accurate temperature control.
High-precision digital test meter for penetration allows for reliable results.
The needle lifting device with precise adjustment, allows easy to adjust up& down.
Heating device & temperature measuring meter are separated from constant temperature bath, ensuring convenient operation.
Automatic temperature controller & high-precision temperature sensor make the temperature setting convenient and accurate.
Advanced digital displacement sensor brings accurate test data.
LED cold light source ensures no temperature error at water surface.
Minimum unit: displacement: 0.01mm, time: 0.1s
Maximum measuring range: 0-50mm
Total weight of connecting rod, weights and standard needle: $100\pm 0.05\text{g}$
Power supply: 220VAC 50HZ
Testing vessel metal, flat bottom, size 70x45, 55x35 (mm)
Flat-bottom thermo vessel: glass, capacity > 1.5L, depth > 80mm.
Tripod: 1 pc
Standard needle: $2.5\text{g}\pm 0.05\text{g}$ as per standard T 0604-2011
Heating power: 200W
Temperature control accuracy: 25 ± 0.1 ? (note: ambient temperature should not be higher than 20?).
Temperature control method: PID high-precision digital temperature controller

Stirring: automatically stir with magnetic stirring beads
Dimension: approx. 35x26x49cm



Engineering Lab China