HARDNESS TESTER FOR MASTIC ASPHALT AZA0942

The AZA0942 Hardness Tester for Mastic Asphalt from Azalab is a precision-engineered laboratory instrument designed for the determination of penetration hardness of mastic asphalt.
This essential testing device is widely used in civil engineering laboratories, road construction projects, and quality control departments to evaluate the consistency, stiffness, and deformation resistance of mastic asphalt mixtures.
Accurate hardness measurement ensures compliance with project specifications and supports the delivery of durable, high-performance asphalt systems.

Key Functional Features

- Dedicated Mastic Asphalt Testing Design

Specifically developed for penetration hardness evaluation

- Standardized Conical Indenter

Hardened steel for consistent and reliable performance

- Calibrated Load Application

Ensures controlled and repeatable testing conditions

- Accurate Measurement System

Dial gauge or optional digital indicator

- Stable, Heavy-Duty Base

Minimizes vibration and measurement error

- Compact & Robust Construction

Suitable for laboratory and site environments

- Simple Manual Operation

Reliable performance with minimal maintenance

Applications

- Mastic asphalt quality control
- Road and bridge construction testing
- Waterproofing and flooring material assessment
- Civil engineering laboratories
- Research and academic institutions

Standards Compliance

Manufactured in accordance with:

- EN 12697-20 – Bituminous mixtures – Test methods for hot mix asphalt (hardness/penetration-related methods, as applicable)

Ensures consistent, repeatable, and internationally accepted results.

AZA LAB UNIVERSE

TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0942
Operation	Manual
Application	Mastic asphalt hardness testing
Indenter	Standard conical, hardened steel
Loading System	Lever mechanism with calibrated weights
Measurement	Dial gauge / digital indicator
Resolution	Typically 0.1 mm
Frame	Heavy-duty steel / cast iron
Base	Stable, vibration-resistant
Dimensions	Approx. 200 × 250 × 400 mm
Weight	Approx. 5–8 kg
Standards	EN 12697-20 (as applicable)
Origin	India