

Asphalt Ductility Tester with Temperature Control

This asphalt ductility tester measures the elasticity of asphalt materials. It uses a temperature-controlled water bath to maintain precise testing conditions and provide accurate results.



Product Overview

Precision Asphalt Testing

The Asphalt Ductility Tester is a specialized laboratory instrument designed to determine the ductility of bitumen by measuring the elongation of samples until breakage under regulated temperature and speed conditions. It features an integrated temperature control system and advanced stress force monitoring, ensuring accurate results for pavement design and quality control. The device is equipped with a digital control panel and PC connectivity for efficient data processing and reporting.

Technical Parameters

Force Measurement

0 KG Min Force	100 KG Max Force	0.5 KG Force Precision
--------------------------	----------------------------	----------------------------------

Measuring Range	2 m
Stress Speed	10 - 50 mm/min
Measuring Precision	1 mm

Environmental Control

Temperature Range	5 - 50 °C
Temperature Precision	0.5 °C

Connectivity & Compliance

Data Output Options

- RS-232 Standard Port
- PC Connectivity
- Micro Printer Output

Compliance Standards	GB/T4508, ASTM D113, T0605
----------------------	----------------------------