

# Asphalt Ductility Tester with Digital Display

This asphalt ductility tester determines the ductility of asphalt materials. The apparatus measures the elongation of an asphalt sample before it breaks, providing data for assessing flexibility and resistance to cracking.



## 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 a sample until it cracks under controlled conditions. Featuring a digital display and a high-precision temperature-controlled water bath, it ensures consistent and reliable testing results. This unit is essential for quality control and research in asphalt production, helping to assess material flexibility and resistance to cracking in accordance with international standards.

## Standards & Compliance

Applicable Standards	GB/T4508, JTJ052, ASTM D113
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## Technical Performance

### Pull Speeds

- 10 mm/min
- 50 mm/min

Measurement Range	1.5 m
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Measurement Precision	1 mm
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## Environmental Controls

### Temperature Control Range

**5 °C**

Min Temp

**49 °C**

Max Temp

Temperature Precision	0.1 °C
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Ambient Operating Temperature	-10°C to +35°C
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## Power & Utilities

Power Supply	AC220V, 50Hz
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Total Power Consumption	4100 W
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Heating Power	3000 W
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## System Features

Display Type  
Digital Display

Cooling System      1.25 P Compressor

Bath Circulation      Strong magnetic pump