

Asphalt Ductility Tester with Digital Display

This asphalt ductility tester is designed for determining the ductility of asphalt materials. It features a temperature-controlled water bath to maintain consistent testing conditions and a digital display for accurate readings.



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Product Overview

Precision Asphalt Ductility Testing

The DS4508D Asphalt Ductility Tester is a specialized laboratory instrument engineered to determine the ductility of bitumen. By stretching asphalt samples at controlled speeds under regulated temperature conditions, it measures the elongation distance until the material cracks. This essential testing device provides accurate, digital readings to ensure material quality and performance standards in road construction and civil engineering projects.

Technical Specifications

Pulling Speeds

- 10
- 50

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|-----------------------|------|
| Measurement Range | 2 m |
| Measurement Precision | 1 mm |

Temperature Control

Cooling Capacity

1.5 P

Compressor Power

950 W

Input Power

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|---------------------------|-------------|
| Temperature Control Range | 5°C to 50°C |
| Temperature Precision | 0.1 °C |

Power and Environment

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|-------------------------------|----------------------------|
| Power Supply | AC220V (-5% to +10%), 50Hz |
| Total Power Consumption | 4500 W |
| Operating Ambient Temperature | -10°C to +35°C |
| Max Relative Humidity | 85 % |

Standards and Compliance

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| Compatible Standards | GB/T4508, T0605, JTJ052, ASTM D113 |
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