MELTING POT AZA1165

The AZA-LAB Melting Pot (AZA1165) is a laboratory-grade heating apparatus designed for the controlled melting and conditioning of bitumen, asphalt binders, waxes, and other semi-solid materials used in civil engineering and materials testing.

Engineered for precision, safety, and efficiency, the unit features thermostatic temperature control to ensure uniform heating and repeatable results across a wide range of applications. Its robust insulated construction minimizes heat loss while maintaining safe external temperatures during operation.

Widely used in bitumen testing laboratories, road construction QA/QC facilities, and research institutions, the AZA1165 supports critical sample preparation processes for tests such as penetration, ductility, viscosity, and softening point determination.

Key Applications

- Bitumen testing laboratories (penetration, ductility, viscosity tests)
- Road construction QA/QC facilities
- Asphalt and pavement engineering labs
- Material testing and research institutions
- Wax and binder heating applications
- Field laboratories and mobile testing units

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AZA1165
Product Type	Melting Pot
Heating Type	Electrical (thermostatic control)
Temperature Range	Ambient to 250°C (adjustable)
Capacity	5 – 10 liters (customizable)
Inner Material	Stainless steel
Outer Body	Insulated, heat-resistant construction
Safety Features	Thermal cut-off, insulated body, sealed lid
Power Supply	230V AC, 50 Hz
Design	Portable, compact
Application	Bitumen and material heating