AZA LAB / MATERIAL TESTING EQUIPMENT

BITUMEN MIXER ELECTRICALLY HEATED

AZA1216 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA1216 Bitumen Mixer is an electrically heated laboratory mixing system designed for controlled heating and stirring of bituminous materials. Available in 10 L and 20 L mixing capacities, it combines digital temperature regulation with adjustable mixing time.

The equipment features a WPX mixing structure, digital process indication, overload protection and dedicated stop controls for mixing and lifting. It is intended for preparation and homogenization of bituminous laboratory mixtures.

KEY CAPABILITIES

- 10 L and 20 L capacity options
- Digital temperature display and control
- Programmable mixing time: 1–999 seconds
- Selectable paddle speeds: 48 / 90 rpm
- Fuse overload protection and stop switches
- WPX mixing mechanism for low-noise operation

TECHNICAL SPECIFICATIONS

01 / TECHNICAL PARAMETERS

Parameter	Specification
Mixing capacity	10 L / 20 L
Heating method	Electric heating
Heating pot temperature range	Room temperature to 240 °C (settable)
Temperature control accuracy	±3 °C
Mixing time	1–999 s (settable)
Mixing paddle speed	48 rpm / 90 rpm
Ambient operating temperature	−10 °C to +40 °C
Operating relative humidity	≤80% RH
Supply voltage	AC 220 V ±10%
Rated current (stated)	10 A
Mixing structure	WPX
Overload protection	Fuse protection
Control interface	Digital temperature and time display
Stop control	Separate mixing and lifting stop switches

02 / CONTROL & SAFETY FEATURES

• Digital heating-temperature and mixing-time indication

• Automatic mixing-time control

• Overload fuse protection

• Silicon-controlled power regulation

• Stop switches for mixing and lifting

• Automatic upper-limit shutdown

03 / AVAILABLE CONFIGURATIONS

Mixing capacity options: 10 L and 20 L. Paddle speed options: 48 rpm and 90 rpm. Confirm configuration-specific speed and electrical requirements before ordering.

CONTACT

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