BL-UV-A365

UV Test Chamber

BallastCo
Lab. Equipment



UV Test Chamber

The UV Test Chamber is a professional test device designed for environmental and industrial applications. It is particularly well suited for the aging testing of products and materials that companies develop, manufacture, or use within their R&D activities. It can be effectively used for the durability assessment of plastics, coatings, polymers, and similar materials.

This chamber applies UV-A radiation and temperature under controlled conditions to simulate, in accelerated form, the changes that materials undergo over time under prolonged outdoor conditions. In this way, aging effects such as color fading, yellowing, cracking, and surface degradation can be observed in a short time.

The UV-A Aging Test Chamber has been developed to evaluate the durability and outdoor performance of products. Thanks to its programmable control system, it can be configured to suit different testing needs.

Benefits and Features

- Adjustable Sample Carrier System
- Fast & Simple to Install
- Long Service Life
- UV-A Fluorescent Lamps
- PLC Controlled Automation System
- BallastCo Customer Support
- 1 Year Warranty
- Compact Solution for Laboratory Environments
- Design Suitable for R&D Applications
- Safe and Stable Operation

Technical Specifications

Model	BL- UV-A365
UV Lamp Type	UV-A
UV Wavelength	365 nm
Temperature Control Range	0 – 70°C
Heating Method	Fan Heater
Sample Tray Dimensions	520 x 315 mm
External Dimensions	650 x 725 x 1300 mm (WxDxH)*
Cabinet Material	Stainless Steel
Total UV Lamp Power	35,2 W
Control System	PLC
HMI	7” Touch Screen
Supply Voltage	220 V
Total Energy Consumption	1 kWh

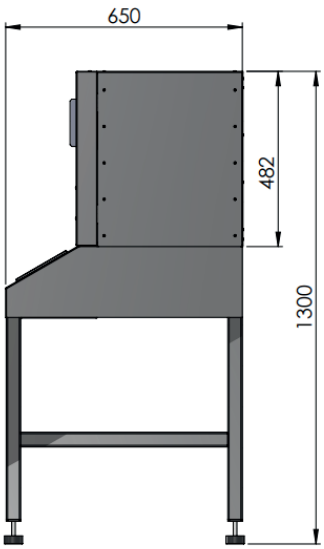
*Dimensions can be modified upon customer request.

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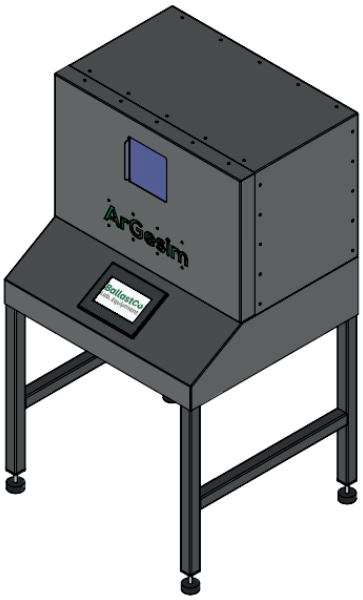
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Technical Drawings

BL-UV-A365 Technical Drawing







Note: All dimensions are given in mm.

**BallastCo reserves the right to make changes to this document without prior notice.

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