

Automatic System for Test Specimens

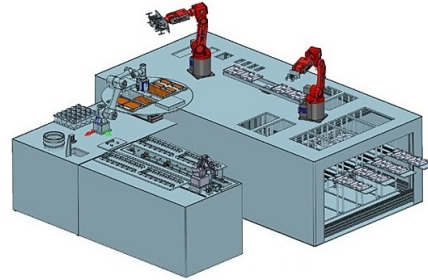
BGD 360

Product Description

The BGD 360 Automatic Preparation System for Test Specimens of Architectural Coatings is designed for the application of test specimens using rods.

It boasts the following features:

- Fully automated batch preparation of test specimens, requiring minimal manual intervention, ensuring high consistency in large-scale specimen preparation
- Digital management of specimens, enabling encoding and recording of coating specimens and prepared specimens for traceability management
- Automatic preparation of specimens on Chart, PVC Film, and Asbestos-free Cement Panel according to various standard requirements
- Utilization of a robot arm for the application of coating films
- The system includes a vacuum drawdown plate and a common plate for cement panels to achieve uniform coating films on different substrates
- Automatic feeding and unloading of blank test panels as per requirements, facilitating maintenance
- Automatic cleaning device for applying tools, ensuring tools are cleaned after each coating film application
- User-friendly human-computer interface with intuitive display, convenient operation, and real-time monitoring of system status



Automatic System for Test Specimens

BGD 360

Technical Specification

- Test Specimens Specification and Capacity:
 - 250mm×140mm Charts (50pcs);
 - 150mm×70mm Asbestos-free Cement Panels (500 pcs);
 - 430mm×150mm Asbestos-free Cement Panels (100 pcs);
 - 432mm×165mm Black Plastic Panels (100 pcs)
- Specimens Preparation Rate:
 - 20 samples per 12 hours (approx. 400pcs test specimens) or
 - 10 samples per 10 hours (approx. 200pcs test specimens)
- Single Working Cycle: 10~12 hours (10~20 samples)
- Applying Tools Capacity: 4 sets of specimens preparation
- Number of Specimens Trays: 20 sets of specimens
- Cover Area: approximately 30m²
- Total Power: 5 KW

Ordering Information: BGD 360 - Automatic Preparation System for Test Specimens of Architectural Coatings

Automatic System for Test Specimens

BGD 360

Disclaimer

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development