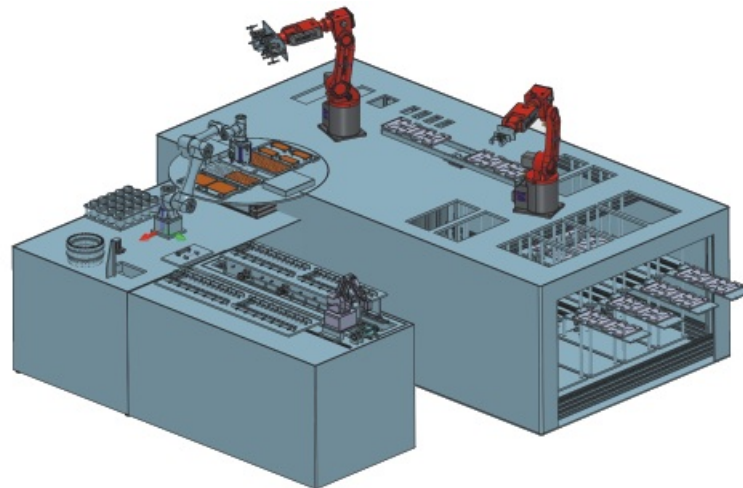


## Automatic Preparation System for Test Specimens of Architectural Coatings

**B**GD 360 Automatic Preparation System for Test Specimens of Architectural Coatings is suitable for those test specimens applied by rods. It has the following features:

- ◆ Fully automatic batch preparation of test specimens, almost without manual participation, to meet the needs of large-scale preparation of specimens with high consistency.
- ◆ Specimens digital management is adopted, which can encode and record coating specimens and prepared specimens, so as to realize the traceability management of specimens.
- ◆ According to the requirements of the different standards, operator can finish specimens preparation on Chart, PVC Film and Asbestos-free Cement Panel automatically.
- ◆ Use robot-arm to applicate coating films. This system includes a vacuum drawdown plate and a common plate for cement panels, which can achieve uniform coating film easily on different substrates.
- ◆ Blank test panels is automatically fed according to the demands, and automatically unloaded to the standard specimens tray after finishing coating, which is convenient for maintenance.
- ◆ Automatic cleaning device for applying tools: after finishing one coating film, the applying tools will be automatically cleaned, and then the next coating film will be carried out.
- ◆ The system adopts friendly human-computer interface, with intuitive display, convenient operation and real-time monitoring of running status.



### Main Technical Parameters:

★ Specification and Capacity of Test Specimens:

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 ( about 400pcs test specimens ) or 10 samples per 10 hours ( about 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: approximate 30m<sup>2</sup>

★ Total Power: 5 kW

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