

# Through-drying Time Tester

**BGD 264**

## Product Description

Our BGD 264 Through-Drying Time Tester is designed and manufactured according to the latest national standards GB/T 37362.1-2019 and ISO 9117.1-2009. It is used to determine whether a single coating or composite coating system of paint, varnish, or related products reaches a completely dry state after a specified drying time under standard conditions, or to ascertain the drying time required to achieve a completely dry state.



## Standards

- GB/T 37362.1-2019
- ISO 9117.1-2009

## Technical Specification

The instrument consists of a base and a freely sliding pressure column. During the test, a specific thickness of paint or varnish is applied to the substrate and dried under specified conditions. A certain load is then applied to the test area on the coating surface, followed by rotating the load 90° on the coating surface. The degree of dryness of the entire coating is assessed by checking the loss condition of the coating surface.

- Pressure Column Head Diameter: 25 mm
- Pressure Column Head Assembly Mass:  $\leq 250$  g
- Rubber Disc Diameter:  $(22 \pm 1)$  mm
- Rubber Disc Thickness:  $(5 \pm 0.5)$  mm
- Rubber Disc Hardness:  $(50 \pm 5)$  IRHD
- Monofilament Polyamide Screen Size: 100 mm  $\times$  100 mm; monofilament diameter is  $(0.12 \pm 0.01)$  mm; pore size is approximately 0.2 mm
- Total Load Mass:  $(1500 \pm 10)$  g

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## **Main Technical Parameters**

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**Ordering Information:** BGD 264 – Through-drying Time Tester

## **Disclaimer**

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