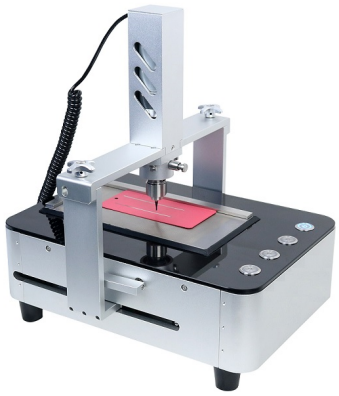
Automatic Scribe Marks Machine for Corrosion Testing

BGD 539

Product Description

In the corrosion testing of various coatings, the preparation of specific scribe marks on the coating surface is crucial. Manual cutting often results in defects such as non-straight scribe marks, damaged edges, and inconsistent substrate damage, which can randomly affect test results. Furthermore, manual operation becomes more challenging when cutting scribe marks on multilayer coatings, consuming more time and making it difficult to achieve uniformity.



Technical Specification

For corrosion-resistant coatings, neutral salt spray testing requires a vertical 2mm scribe mark. The BGD 539 Automatic Scribe Marks Machine for Corrosion Testing can easily create this scribe mark and offers the following features:

- 2mm wide vertical scratch, strictly compliant with the standard
- The cutting blade adopts a rotary cutting principle to ensure the prepared scratch's edge is neat and undamaged
- The floating design of the cutting blade can accommodate test panels of different thicknesses, minimizing substrate damage
- Equipped with scale indication for easy cutting of different-sized scratches

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Main Technical Parameters

- Working Distance: 0~150mm
- Scribe Mark Depth: 0~2000μm
- Test Panel Thickness: 0~5mm (including the coating thickness)
- Overall Size: 374mm × 320mm × 410mm
- Working Platform Size: 250mm × 125mm

Ordering Information: BGD 539 - Automatic Scribe Marks Machine for Corrosion Testing

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