

## Mar Resistance Tester



“Mar” refers to blemish on the surface of a coating, extending over a particular area of the coating and visible due to the difference in the light-reflection properties of the area affected compared with the light-reflection properties of adjacent areas.

This Mar Resistance Tester conforms to the newest international standard ISO 12137-2011, ASTM D 2197 and ASTM D 5178. It allows 100g to 5,000g loads to be applied to the test panel.

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## Key Features

Working speed can be adjusted from 0 mm/s~10 mm/s

Moveable working table convenient for measuring different areas in the same panel

Lifting balance arm allows testing on different thickness panels from 0mm~12mm

Loop-shaped Stylus: Chromium-plated steel rod of 1.6 mm diameter bent into a "U" shape with an outside radius of  $(3.25\pm 0.05)$  mm hardness of Rockwell HRC56 to HRC58 and smooth surface (roughness $\leq 0.05$   $\mu\text{m}$ )

Weights: 1×100-gram 2×200-gram 1×500-gram 2×1000-gram 1×2000-gram

Stylus moving speed: 0 mm/s~10 mm/s (step:0.5mm/s)

Motor Power: 60W

Angle between stylus with test panels: 45°

Test panels Size: Less than 200mm×100mm (L×W) thickness less than 10mm

Product Code	T01-700029
Weight	15 kg
Dimensions	430 x 250 x 375 mm (L x W x H)

Replacement Stylus: T01-700030

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