Product name:
Coulometric Coating Thickness Tester for Chrome and Nickel Plating

Product code:
CMI-IND-0553

Description

Coulometric thickness tester that dissolves a small area of plating anodically to measure layer thickness of chrome, nickel and copper on taps and fittings. Used by plating shops and bathware factories for coating control.

Technical specification

- Test cell
- Electrolyte set
- Reference foil

A small electrolyte cell is placed on the plated surface and the metal layer is stripped at a constant current while voltage is monitored. The thickness is calculated from the dissolution time. It gives accurate results on small and curved parts.

Features

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- Measures single and multi layer coatings
- Test cell with 1 to 2 mm aperture
- Stored electrolyte and coating programmes
- Digital display and thermal printer option
- Good accuracy on curved faucet bodies

Technical Specifications

Test standards	ISO 2177, ASTM B504
Thickness range	0.05 to 50 um
Accuracy	+/-5 percent of reading
Test area	2 mm dia, selectable
Coatings	Cr, Ni, Cu, Zn, Sn
Resolution	0.01 um
Display	Colour LCD
Power supply	230 V AC, 50 Hz

Standard Accessories