



COATING THICKNESS GAUGE

This device is a portable meter. It is capable of measuring coating thickness quickly, precisely and without injury, both for the laboratory and engineering environment. It is currently widely used in manufacturing, metal processing industry, chemical industry, commodity inspection and testing fields; and is essential for material protection major.

KEY FEATURES: -

1. Thickness measurement using Eddy Current Method to measure the non-conductive coating on a non-magnetic metal substrate.
2. Single-point or two-point method could be used to correct probe system deviation, in order to ensure the accuracy of the device in the process of measuring.
3. Power voltage indicator.
4. Speaker beep while operating.
5. Power-off automatically when idle; manually power-off available.
6. Negative display function to ensure the accuracy of zero point calibration.
7. Ultra-low power consumption, less than 10 μ A in standby mode.

TECHNICAL SPECIFICATION: -

Model	BTS-820NF
Measuring range	0-1250 μ m
Measurement deviation	0 Calibration $\pm (1 + 3\% H)$; two-point calibration $\pm [(1\% \sim 3\% H)] H + 1.5$
Ambient temperature	0-40°C
Relative humidity	$\leq 85\%$
Minimum substrate	10 * 10mm
Power supply	2 * AA battery
Minimum curvature	5mm convex; 5mm concave
Size	102mm x 66mm x 24 mm
Weight	99g (With Batteries)
Thinnest substrate	0.4mm



BTS-820NF