



MBT 7200/7400

Thickness Gauging Systems



Portable Thickness Measuring Device

- High-precision thickness measurement of non-ferrous materials
- Measures material up to 10mm thick
- Ideal for bottles, aluminum cans, glass and plastic components with complex shapes

Two Models

MBT 7200 - offers capabilities including real-time measurement, display of minimum and maximum readings, an offset mode, and automatic storage of up to 100,000 values.

MBT 7400 - offers the same capabilities as the MBT 7200 plus statistical graphing, real-time trends, and a database with up to 200 batches and increased automatic storage of up to 240,000 values (1200 values per batch).

The MBT is a portable thickness measuring device that offers the capability to precisely measure materials up to 10mm thick. The small size and portability of the device enables it to be operated in production areas and quality laboratories. The MBT provides easy, non-destructive and highly accurate thickness measurement of all types of non-ferrous products, regardless of their size, shape, or material. It is ideal for applications where accurate measurements of sharp corners, small radii, and/or complex shapes are required.

FEATURES

- Large, easy-to-read display
- Minimum and maximum readings
- Multiple calibration modes up to 5 points
- Menu-controlled user interface with context-sensitive on-line help
- Hardened probe tip
- Sensor-integrated digital signal processing
- SPC capabilities
- Data capture up to 20 data points per second
- Automatic capture of minimum and maximum values

Two Probes Available

To maximize the accuracy of readings, two easily interchangeable probes and a variety of ball sizes are available to cover thickness ranges from 0-10mm.

Advanced Reference Ball Design

The MBT utilizes reference balls that are produced with a proprietary process featuring a specially coated finish and dimensional precision. Reference balls of this design result in improved measurement reproducibility of up to 0.5%. Reference balls are available in 1.5mm, 2.5mm, 4.0mm, 6.0mm, and 9.0mm sizes.

Innovative Menu Control and Data Filing System

The MBT features an easy-to-understand, menu-driven operator interface and data filing system, similar to common PC applications. Operational assistance is always available via context-sensitive help topics.



Display Unit



4mm Probe



10mm Probe

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