

## Wall Thickness Gauge Digital – Magna-Mike 8600

Magnamike is a high-quality product by Olympus. It is the best device to perform wall thickness gauge testing. The instrument provided a non-destructive method of testing the wall thickness of the PET bottles.



### Features

- Measurement based on probe's Hall Effect sensor
- Digital Display readout
- Repeatability of test measurements of test sample
- Measurements through Target Ball or wire or Disk using Magnetic field
- Expandable Thickness range up to 25.4mm (1.00 in.)
- Replaceable Wear Caps – Standard and Chisel type
- Expanded target selection – 3/16 and 1/4 in. magnetic target balls or Wire target
- Larger Color VGA display
- Fast measurement update rate 60Hz
- Programmable Instrument lock with password
- RS-232/USB/VGA output Communication Modes
- Direct Interface to Excel spreadsheet



- WINXL interface program
- Generate on board reports
- Designed with IP67 rating
- Expanded alphanumeric data logger
- Save and recall option for stored calibration file
- Bench style case with improved gage stand
- Low and high reading Alarm
- Ability to export file to MicroSD card in .txt and CSV format
- Strip Chart view
- Inbuilt Calibration Facility
- Selectable measurement units – mm or inch
- Ability to store Thickness readings in one of standard file formats – Incremental, Sequential, Sequential with Custom point, 2-D grid
- Other Probes designs – Straight and Right Angles available on request
- Accessory Kit – Disk Kit, Wire Target Kit, Standard up to 9.1 mm (0.360 inches), Extended range up to 25.4 mm (1 inch)
- Chart View – Strip Chart Type View

## Specifications

- Ion battery
- Keypad – Japanese, English, International, Chinese
- Languages Supported – English, Spanish, French, German, Japanese, Chinese, Portuguese, Swedish, Norwegian, Dutch, Polish, Russian, Hungarian, Czech, Italian
- Data Storage – Onboard and removable 2 GB Micro SD card
- Battery life (Optional) – 12 h to 13 h (lithium-ion)
- Power requirements – AC Mains: 100 V AC to 120 V AC, 200 V AC to 240 VAC
- Display type – Full VGA (640 x 480 pixels) transfective color LCD
- Display dimensions (W x H, Diag.) – 117 mm x 89 mm, 146 mm (4.62 in. x 3.49 in., 5.76 in.)
- Min/Max capture mode – Captured at 60 Hz measurement rate
- Display update rate – 4, 8, 16 and 20 Hz
- Alarm – High and Low alarms
- Resolution – 1 mm (0.01 in.), 0.01 mm (0.001 in.), 0.001 mm (0.0001 in.) (Depending on thickness range)
- Data logger – Internal file-based alphanumeric data logger
- Maximum Thickness range: Up to 25.4mm (1.00 in.)
- Minimum Thickness range: 0.001mm (0.0001 in.)

