

Wall Thickness Gauge Digital – Magna-Mike 8600



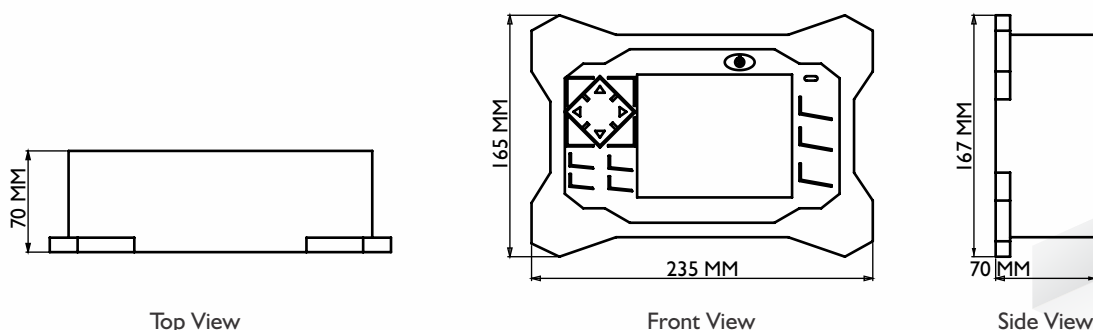
Model No. Magna-Mike 8600

Magnamike 8600 - Wall Thickness Gauge is a consistent tool that uses magnetic field method to make repeatable and reliable measurements on nonferrous materials. The instrument supports Plastic and Glass bottles, Packaging, Automotive tear seams, Aerospace and other applications.

- Measurement based on probe's Hall Effect sensor
- Digital Display readout (LCD)
- Repeatability in test measurements of test sample
- Measurements through Target Ball or wire or Disk using Magnetic field
- Expandable Thickness range upto 25.4mm (1.00 in.)
- Replaceable Wear Caps – Standard and Chisel type
- Expanded target selection – ¼ 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 gauge 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

With Wall Thickness Gauge Digital – Magnamike, probe's Hall Effect sensor measures the distance between the probe tip and target ball.



Key Specifications:

| | |
|---------------------------------|---|
| Standard Max. Thickness | 9.14 mm |
| Min. Thickness range | 0.001mm (0.0001 in.) |
| Display | Color VGA Display (Digital) 640 x 480 Pixel |
| Keypad | English, Japanese, Chinese, International |
| Min/Max capture mode | Captured at 60Hz measurement rate |
| Display update rate | 4,8,16 and 20Hz |
| Resolution | 0.1mm(0.01 in.), 0.01 mm(0.001 in.), 0.001mm(0.0001 in.) (depending on thickness range) |
| Power | AC mains, 200-240V/100V-120V |
| Max. Thickness Expandable range | Upto 25.4mm (1.00 in.) (Optional) |

Highlights:

| | |
|--------------------------|---|
| Standard Prob. | 1 Yes |
| Data Storage | Onboard and removal 2GB MicroSD card |
| Battery | Lithium-ion |
| USB | USB 2.0 peripheral port |
| Memory Card | Max. 2GB removable MicroSD memory card |
| Video Output | VGA output standard |
| Display | Full VGA(640x480 pixels) transfective color LCD |
| Display Dimensions (W*H) | 117x89 mm |
| Dimensions | 235x165x70 mm |

Optional :

- Micro SD card not a Part of supply

Probes:

1. 86PR-1: Standard Straight Probe 83.2 mm (3.27 in.) long and 18.8 mm (0.740 in.) Diameter
2. 86PR-2: Right Angle probe head 58.4 mm *18.8 mm, length 177.8 mm (2.30 in.*0.740 in. diameter, length 7.0 in.)

Optional: Foot Switch – Programmable (Save, Send, Meas and Q-cal)

Optional Accessories:

- 600-C-VGA-5 (U8780298): VGA output cable
- 600-BAT-L (U8760056): Rechargeable lithium battery
- 85FSW (U8780127): Remote footswitch
- 86PR-2 (U8470028): Right angle probe
- 86PRS2 (U8771044): Two-part probe stand for 86PR-2
- 86PCC (U8780323): Coiled cable for 86PR-1 and 86PR-2
- 86PR1-WC (U8780324): Replaceable wear cap for 86PR-1 and 86PR-2 probes
- 86PR1-CWC (U8780326): Chisel tip wear cap for 86PR-1 and 86PR-2 probes
- 80TB1 (U8771030): Target balls 1.59 mm (1/16 in.)
- 80TB2 (U8771031): Target balls 3.18 mm (1/8 in.)
- 80TB3 (U8771032): Target balls 4.77 mm (3/16 in.)
- 80TB4 (U8771022): Target balls. 6.35 mm (1/4 in.)
- 80TD1 (U8771034): Target disc. Flat edge
- 80TD2 (U8771035): Target disc. V-edge
- 86TBM3 (U8771039): Magnetic target balls. 4.76 mm (3/16 in.)
- 86TBM4 (U8771040): Magnetic target balls. 6.35 mm (1/4 in.)
- 86TW1 (U8771041): Wire target 0.045 in.
- 86ACC-ER-KIT (U8771069): Extended calibration kit
- 86ACC-W-KIT (U8771070): Wire target calibration kit
- 86ACC-D-KIT (U8771071): Target disc calibration kit
- 80CAL-NIS (U8771011): NIST-traced calibration standards (set of six)

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