

MIDLAND METROLOGY LTD

iThick-700 Thickness Gauge



Description

- High frequency single crystal probe can be used to enable the function of measuring ultra thin parts.
- The "echo echo" ultrasonic thickness measurement technology is adopted to enable the thickness measurement through the coating.
- The display resolution is 0.001mm and the measurement range is 0.15-20mm
- LCD contrast is adjustable. The LCD dot matrix display is 128 x 64mm. LED backlight can be used in various environments.
- The USB interface can be used to transfer data to the computer.

Technical Specification

| | |
|------------------------------|--------------------------------------|
| Measuring Range | 0.15-20mm |
| Velocity Range | (1000-9999)m/s |
| Able to pass though Coatings | IE mode can pass through 1mm coating |
| Measuring Accuracy | H < 10mm ±0.005mm |
| | H ≥ 10mm ±(0.000mm+H/100)mm |
| Measurement Mode | EE/IE |
| Storage Capacity | 500 Sets of Data |
| Measurable Materials | Steel, iron, Glass, Plastic |
| | Aluminium etc. |
| Display Screen Size | 2.4 FSTN LED Backlight |
| Power Supply | 2 x 1.5V Battery |
| Host Weight | 220g |
| Probe Size | Diameter 6mm |
| Dimensions | 151 x 76 x 33mm |

Packing List

| | Name | Qty. |
|----------------|----------------------------------|------|
| | Main Unit | 1 |
| | Probe (15M Single Crystal Probe) | 1 |
| Standard | Coupling Agent | 2 |
| Configurations | Manual | 1 |
| | Warranty Card | 1 |
| | Certificates | 1 |
| Optional | 15PØ6 Probe | |
| Configurations | 20PØ6 Probe | |

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