



Ultrasonic wanddiktemeter UM-5; UM-5D; UM-5DL



Product name : **Ultrasonic Thickness Gauge**

Item : **UM5; UM5D; UM5DL**

Details :

Color OLED 320x240 Pixels Display

Live Simultaneous Color A-Scan and Thickness Display

Control of Gain, Blanking, Gate, Range, Delay, RF and Rectify Modes

Time-based B-Scan Display Echo-Echo Mode(Thru Paint & Coatings)

Stores 100,000 Readings and 1000 waveform



UM5 Series Technical Specifications

| Feature | UM-5 | UM-5D | UM-5DL | Data Logger Option |
|---|------|-------|--------|--------------------|
| Color Display | v | v | v | |
| Live A-Scan | v | v | v | |
| Time-based B-Scan | v | v | v | |
| Control of Gain, Blanking, Gate, Range, Delay, RF and Rectify Modes | v | v | v | |
| Echo-Echo Mode (Thru Paint & Coatings) | | v | v | |
| Data Logger | | | v | v |
| DataView Software | | | v | v |

Instrument Specifications

| | |
|-------------------------|---|
| Display Type | 2.4" color OLED, 320 X 240 pixels, contrast 10,000:1 |
| Operating Principle | Pulse echo with dual element transducers |
| Measuring Range | 0.50mm to 508mm(0.02" to 20.00"), depending on material, probe and surface condition |
| Measuring Resolution | Selectable 0.01mm, 0.1mm(selectable 0.001", 0.01") |
| Units | Inch or Millimeter |
| Rectify Modes | RF+, RF-, HALF+, HALF-, FULL |
| Display Mode | Normal, Minimum / Maximum capture, DIFF/RR%, A-Scan, B-Scan |
| V-Path Correction | Automatic |
| Update Rate | Selectable 4Hz, 8Hz, 16Hz |
| Material Velocity Range | 500 to 9999m/s (0.0197 to 0.3937in/us) |
| Languages | English |
| Alarm Settings | Minimum and Maximum alarms. Range of 0.25 mm to 508 mm (0.010" to 20.00"). Dynamic waveform color change on alarm |
| Power Requirements | 2 AA size batteries |
| Operating Time | Approximately 40 hours |
| Instrument Shut-off | Selectable ALWAYS ON or AUTO OFF after 5, 10, 20 |

