

2 IN 1 COATING THICKNESS GAUGE

MODEL: TG-05



FEATURES:

LCD display Reverse for easy reading.
Ferrous and non-ferrous materials measuring.
Data logging function capacity up to 255 samples.
Warning beeper triggers by Hi/Lo limit settings.
MAX/MIN/MAX-MIN /AVG function.
Fast one point calibration for frequent measuring thickness use.
2 points calibration for normal use.
 $\mu\text{m}/\text{mils}$ user-selective.
Back-Light feature.
Auto Power Off: 30 seconds.
Response Time: 1 second.
Storage Temperature: -4°F to 140°F (-20°C to 60°C), 0 to 80% R.H. with battery removed from meter.
Battery: 1.5V (AAA size) x 2pcs.
Dimensions: 105mm(H) x 55mm(W) x 27mm(D).
Weight: Approx. 80g (including battery).

SPECIFICATIONS

Operating Environment: 32°F to 122°F (0°C to 50°C) at $<75\%$ R.H.

Thickness Range:

Ferrous	0 to 80.0mils. 0 to 2000 μm .
Non-ferrous	0 to 40.0mils. 0 to 1000 μm .

Display Resolution: 0.1mils/1 μm .

Accuracy:

Ferrous

$\pm 4\text{dgts}$ on 0 to 7.8mils
 $\pm(3\%+4\text{dgts})$ on 7.9mils to 39.0mils
 $\pm(5\%+4\text{dgts})$ on 39.1mils to 80.0mils
 $\pm 10\text{dgts}$ on 0 to 199 μm
 $\pm(3\%+10\text{dgts})$ on 200 μm to 1000 μm
 $\pm(5\%+10\text{dgts})$ on 1001 μm to 2000 μm

Non-ferrous

$\pm 4\text{dgts}$ on 0 to 7.8mils
 $\pm(3\%+4\text{dgts})$ on 7.9mils to 39.0mils
 $\pm 10\text{dgts}$ on 0 to 199 μm
 $\pm(3\%+10\text{dgts})$ on 200 μm to 1000 μm

Accuracy: Stated accuracy at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, $<75\%$ R.H.

Temperature Coefficient: 0.1x (specified accuracy) / $^{\circ}\text{C}$ ($< 18^{\circ}\text{C}$ or $> 28^{\circ}\text{C}$)

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