PosiTest® *DFT*

Coating Thickness Gage Instruction Manual v. 4.0

Combo: measures on all metals. The letter "F" (ferrous, e.g. steel) or "N" (non-ferrous, e.g. aluminum) is displayed with each reading depending on the substrate. Gage automatically recognizes the substrate.

Ferrous: measures on steel only. The letter "F" is always displayed.

Operation: Press either button to power-up. Place flat on surface. Hold steady. When measurement is obtained, new reading flashes. Lift gage or leave on the surface for repeated measurements.

Menu: Press both ⊖ ⊕ buttons simultaneously to access the gage menu. Navigate the menu using the ⊖ ⊕ buttons. Press both buttons to select:

Exit menu and return to main screen

mils µm ***Switch Measurement Units***

Zero Calibration Adjustment: Measure the uncoated part. Zeroing provides the best coating thickness accuracy.

1 Point Calibration Adjustment: Also known as 'Offset' or 'Correction Value.' Measure a known thickness. Adjust the reading up ⊕ or down ⊖ using the gage buttons until expected thickness is displayed. Press ⊖ ⊕ to accept.

Reset: Restore factory calibration, units, and screen rotation settings. Handy when an uncoated part is not available for zeroing.

Indicates that the gage is in factory calibration

Brightness: Use ⊖ or ⊕ buttons to adjust screen brightness.

Auto Rotate Lock

Power-down the gage

Average: Select to display a running average of up to 99 readings. The following icons will be displayed in gage menu:

Delete Last Reading: select to delete the last reading from average. **Shortcut:** Press ⊖

Clear: select to clear running average. **Shortcut:** Press ⊕

Off: Turn off Average

Shims: Included plastic shims provide a quick operational check. Also used for protection on tacky, rough or hot surfaces.

Battery Indicator: Replace AAA Alkaline batteries when indicator turns RED.

Range:	0-40 mils	0-1000 µm
Accuracy:	+/- (0.1 mils + 3%)	+/- (2µm + 3%)

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