

## TT-210



# TT-210 Coating thickness gauge



## Features

- Easy to use
- Automatic substrate recognition
- Automatic calculation: Mean/Max/Min/No./S.Dev
- Upper-lower limit setting and sound alarm
- Data output RS-232 to printer TA-230 or PC
- Storage function for 500 measuring results
- Measurement modes: continuous/single
- Battery operated
- Automatic selection of measuring methods
- Upper-lower limit setting and sound alarm
- 2 stop ways: Manual/automatic

## Technical specifications

Operating principle	Magnetic induction, eddy current	
Measurement range	0 $\mu$ m to 1250 $\mu$ m, 0 $\mu$ m ~ 40 $\mu$ m	
Measuring system	Selectable mm/inch	
Minimum resolution	0.1 $\mu$ m (coating thickness <100 $\mu$ m)	
Measuring accuracy		
Zero-point calibration	$\pm(3\%H+1\mu\text{m})\mu\text{m}$ (F probe), $\pm(3\%H+1.5\mu\text{m})\mu\text{m}$ (N probe)	
Two-point calibration	$\pm(1\%\sim 3\%H+1\mu\text{m})\mu\text{m}$ (F probe), $\pm(1\%\sim 3\%H+1.5\mu\text{m})\mu\text{m}$ (N probe) (H= nominal value)	
Sample	Min. radius workpiece	Convexity 1.5 (F probe), convexity 3 (N probe)
	Min. measuring area	$\varnothing 7\text{mm}$ (F probe), $\varnothing 5\text{mm}$ (N probe)
	Min. sample thickness	0.5mm (F probe), 0.3mm (N probe)
Statistics TT-210	Average (MEAN), MAX., MIN., number of measurements (NO.), standard deviation (S.Dev)	
Power supply	Battery AAA 1.5V (2 pcs)	
Display	LCD with backlight	
Dimensions	110mm x 50mm x 23mm	
Weight	100gr	

## Standard delivery

- Instrument
- Calibration foil set
- Substrate
- AAA 1.5V battery (2 pcs)
- Manual
- INNOVATEST® certificate
- Carrying case

## Optional accessories

- Printer TA-230 with cable
- Connecting cable
- Dataview software

TA-230 MICRO PRINTER



## Order details

**TT-210** Coating thickness gauge with integrated F/FN probe

Represented by:

IN10-217 160215

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