

## Descriptions

These gauges can be used for non-destructive coating thickness measurement of non-magnetic coatings, e.g. paint, enamel, chrome on steel, and insulating coatings, e.g. paint and anodizing coatings on non-ferrous metals.

## Applications

Paint manufacturers, painting inspector, painter, sand blasting contractors, finishing, anti-corrosion painting contractors, machine tools manufacturers, car insurance surveyors, automobile parts manufacturer, can manufacturers, automobile repair, quality control departments, pipeline industry, aircraft industry, package convertors, and gas and water industries.

## Features and Functions

Menu interface

User can set alarm limit

128\*128dots LCD display

Red LED alarm indication

Multi-language supported

Unit optional: um, mm and mils

LCD can be rotated to be used easily

Up to 5 measurement groups supported

Range 0~2000um, accuracy  $\pm 2.5\% \pm 1\mu m$

Readings can be stored, recalled and deleted

Automatically detect the substrates type(F or N)

Connect with PC via USB and download readings

Easy to do zero calibration and support multi-point calibration

LCD shows mean, maximum, minimum and standard deviation

### Suits with ferrous & non-ferrous metals



High-accuracy sensor



USB port



Black light display



Display can be upside down



Auto shut off



Skidproof



Accessories & package



## Usage.....



## Technical Data

Model no.	TG820
Probe type	Fe NFe
Principle	Magnetic Eddy currents
Range	0~2000um
Accuracy	$\pm (2.5\% + 1\mu m)$
Resolution	0.1um(<100um) 1um(others)
Readings memory	320

Interface: USB

Power supply: 2pcs 1.5v AAA batteries

Operation environment: -10 to 50°C

Storage environment: -10 to 60°C

Certificate and standard: CE, ROHS, ISO 2178, 2360,

GB/T 4956-2003, 4957-2003

Size and weight: 113mmX53mmX24mm 80g