



# Coating Thickness Gauge

## QUAM CT760

### Coating Thickness Gauge CT760

Portable coating thickness gauge is designed for measuring the thickness of coating. The feature for this meter is fast, non-destructive and accurate.

CT Coating Thickness Gauge is applied in many areas, such as electroplating industry, corrosion protection, aerospace industry, automotive car industry, ship building industry, light industry and inspection, etc.

TG760 could meet your different demands by changing different probes. There are two measuring methods could be chosen, magnetic permeability method and eddy current method.

F type probe with magnetic method, can measure the magnetic metal (such as steel, iron, alloy steel and hard magnetic and non-magnetic) thickness of coating layer (such as zinc, aluminum, chromium, copper, rubber, paint etc.)

N probe can be measured by the eddy current method, the non ferromagnetic metal (such as copper, aluminum, zinc, tin and other) non conductive cover layer thickness and austenitic stainless steel (such as: plastic, rubber, paint, anodizing etc.).



### Features :

- High accuracy (1%+1)
- Split design, strong applicability, measured value stability  
Short response time, fast measurement speed.
- 7 kinds of sensors (F400, F1, F1/90 °, F10, N400, N1, CN02) are available to meet customer needs, a variety of measurement

Performance
<b>Measuring Range</b>
<b>F400:</b> 0~400μm
<b>N400:</b> 0~400μm
<b>F1:</b> 0~1250μm
<b>F1/90:</b> 0~1250μm
<b>N1:</b> 0~1250μm
<b>F10:</b> 0~10000μm
<b>CN02:</b> 10~200μm
<b>Accuracy</b>
<b>F400、N400 Probe</b>
One point calibration:(2%+0.7 )
Two point calibration:± (1%+0.7 )
<b>F1、F1/90、N1、CN02 Probe</b>
One point calibration: ± (2%+1) Two point calibration: ± (1%+1)
<b>F10 Probe</b>
One point calibration : ± (2%+10)
Two point calibration±(1%+10)
<b>Calibration method</b>
One point calibration / two point calibration / Basic Calibration
<b>Resolution</b>
0.1μm (0-99.9μm) 1μm (over100μm)



<b>Weight</b> 300g
<b>Working Environment</b>
Temperature : 0 °C ~50 °C
Humidity: 20% ~90%
<b>Operation</b>
<b>Operation Mode</b>
Direct testing & Group testing
<b>Measuring mode</b>
Continuous measurement / single measurement
<b>Power Off</b>
Manual/Auto
<b>Operation Indecation</b>
Musical tones for error
<b>Signal Processing</b>
<b>Limit of Threshold</b>
Auto alarm for values out of limit
<b>Signal Processing</b>
The histogram can be used to analyze a batch of measurements
<b>Stastis Function</b>
(MEAN) / (S.DEV) / (No.) / (MAX) / (MIN)

<b>Memory</b>	
<b>Thickness Values</b>	
500data	
<b>Delete</b>	
All data within a single suspicious data / group	
<b>Input/Output</b>	
<b>Communication</b> USB	
<b>Electronic Power</b>	
<b>Battery</b>	
Commercial     NiMH     /     alkaline batteries             1.5V	
<b>Power Indication</b>	
Low Voltage indication	
<b>Standard Package</b>	
Main body	1
Probe(N1 or F1)	1
Calibration foil set	1
Base	5
Manual	1
<b>Optional Accesories</b>	
<b>Probe</b>	
F400/ N400/ F10/ CN02/ F1/90	

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