



Coating Thickness Gauge

QUAM Cpad T300

Coating Thickness Gauge Cpad T300

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

Cpad 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.

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



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

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

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