

KDCTG8200

Coating Thickness Gauge



Standard Configuration

Main unit	1
Probe (Fe or NFe)	1
Calibration piece	5
Zeroing plate	1
Operating manual	1
Warranty card	1
Instrument case	1

⚙️ Introduction

With different probe: it can measure the thickness of non-magnetic coating layers covered on magnetic substrate. Such as: non-magnetic (aluminum, chrome, copper, enamel, rubber, paint) covered on magnetic substrate (steel, alloy and magnetic stainless steel). It also can measure the thickness of non-conductive coatings layers covered on conductive substrate. Such as: (enamel, rubber, paint, vanish, plastic anodic-oxide layer) covered on conductive substrate (aluminum, brass, zinc and nonmagnetic stainless steel)

⚙️ Features

- Various probes optional, probe auto matching
- Durable ruby probe, more wear and precise
- Full metal shell design, sturdy, portable, high reliability
- Alarm function when overrun the settable limiting range
- Five statistics values [MEAN, MAX, MIN, NO., S.DEV]
- higher measurement accuracy
- Large storage, easy to delete single or multiple saved values
- PC software optional, convenient the data transmission, analysis, printing etc
- Two calibration methods for better correction
- Low battery indication and error alarm

⚙️ Optional Accessorices

Probe	Measuring range (μm)	Operating principle
F1	0~1250	Magnetic
N1	0~1250	Eddy current
F10	0~10000	Magnetic

⚙️ Technical Specification

Model	KDCTG8200
Measuring range	0-1250μm, depends on probes, MAX 10mm for the probe F10
Working principle	Magnetic & Eddy
Substrate	FE / NFE base
Resolution	0.1μm
Display	128x64 LCD with backlight
Accuracy	±2%H+1um Note: H is thickness reading
Memory	5 files x 100 values
Unit switch	Metric (μm) Imperial (mil)
Working temperature	Operation Temp. : -10~50°C Storage Temp. : -30~70°C
Working mode	direct & APPL
Measurement method	CONTINUE/SINGLE
Storage capacity	500 measurements
Connecting to computer	can directly connect computer output data
Power	AA battery 2pcs
Weight	340g
Size	126 x 67 x 32mm