KUSAM-MECO®
An ISO 9001:2015 Company

COATING THICKNESS GAUGE
MODEL - KM-EC-370P

THINK SAFETY
THINK KUSAM-MECO®

DESCRIPTION :

This thickness gauge can non-destructively measure the thickness of the non-conductive coating on the metal surface and the thickness of the non ferro magnetic metal coating on the surface of ferromagnetic metals (such as Fe, nickel and cobalt, etc.). The specific purpose of the instrument includes measuring the thickness of the paint or galvanized layer on the surface of Fe and stainless steel, and measuring the thickness of the paint or plastic film on the suace of aluminum and copper.

Preliminary Data

FEATURES :

- Record Data & View Data
- Zero Calibration
- Abnormal Prompt
- Screen Rotation Function
- Backlight display
- Automatic shutdown after 2 minutes when there is no operation.
- Base material properties :
  Fe : Ferromagnetic metal substrate
  NFe : Non-Ferromagnetic metal substrate
  FZ : Iron galvanized substrate

TECHNICAL SPECIFICATIONS:

Probe type	Standard Probe
Measuring principle	Fe: Magnetic induction; NFe: Eddy current efect
Measuring range	0~2000μm
Accuracy	±(3%+1μm)
Resolution	0.1μm(0~100μm) ; 1μm(>100μm)
Calibration	Zero calibration
Unit	μm,mm,mil
FZ (Iron galvanized) range	3~500μm
Minimum radius of curvature of substrate	Convex: 5mm Concave:25mm
Minimum measurement area	Diameter 15mm
Minimum substrate thickness	Fe : 0.30mm; NFe : 0.05mm
Maximum measuring speed	2 readings/sec
Operating Temperature	-10~50℃
Storage temperature	-20~60℃
Power supply	AAA 1.5V alkaline batteries /1.2V rechargeable batteries
Protection class	IP40
Dimensions	134*44*27mm
Shell material	ABS
Weight	About 71g(Without battery)

All Specifications are subject to change without prior notice

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