

# COATING THICKNESS METER

## WITH EXTERNAL PROBE



### OPERATING PRINCIPLE

| Operating Principle            | Application                                                                               | For Example                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (F Type)<br>Magnetic induction | Can Measure the Thickness of non-magnetic coating layers on magnetic substrate            | Such as :(aluminum, chrome, copper, enamel, rubber, paint) on magnetic substrate (steel, iron, alloy and magnetic stainless steel)                                |
| (NF Type)<br>Eddy current      | Can Measure the Thickness of nonconductive coating layers covered on nonferrous substrate | Such as : (Enamel, Rubber, Paint Vanish, Plastic anodic-oxide layer) covered on nonferrous substrate (Aluminum, Brass, Zinc, Tin and nonmagnetic stainless steel) |



MODEL:CM-8826FN



### SPECIFICATION

|                                 |                                                                |
|---------------------------------|----------------------------------------------------------------|
| Measuring Range                 | 0~1250um/0~50mil (Default Range)                               |
| Resolution                      | 0.1 / 1                                                        |
| Accuracy                        | ±1~3%n or ±2.5um                                               |
| Min. Radius Workpiece           | F: Convex 1.5mm / Concave 25mm<br>N: Convex 3mm / Concave 50mm |
| Min. Measuring Area             | 6mm                                                            |
| Min. Sample Thickness           | 0.3mm                                                          |
| Metric / Imperial               | Convertible                                                    |
| Power Supply                    | 4x1.5V AAA Battery                                             |
| Low Battery Indication          | Yes                                                            |
| Dimension                       | 126x65x27xmm                                                   |
| Weight ( Not including Battery) | 81g                                                            |
| Standard Package List           | Main Unit                                                      |
|                                 | F Type probe                                                   |
|                                 | N Type probe                                                   |
|                                 | F Calibration Base set                                         |
|                                 | N Calibration Base set                                         |
|                                 | Calibration Foil set                                           |
|                                 | Carrying Case                                                  |
|                                 | Instruction Manual                                             |
| Optional Accessories            | Cable & Software for RS - 232C                                 |