



BEARING & TOOL CENTRE

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BLUE MICRON CALIBRATION CENTRE

(TRACEABLE TO NPL / NABL)

RELIEF SERVICE CENTRE

Removal of Jaw Error, Bore Gauge, Extension & Instrument Modifications and Spares

Quotation

103 | Digital Coating Thickness / Dry Film (DFT METER) – least count 1 micron

Base should be magnetic and coating non – magnetic (S denotes statistical analysis)

Range-Micron	W	C	0 – 1250	0 – 2000	0 - 3000	0 - 6000	0 - 12000
Elecoat Make	12	Y		12950	13850	14750	16900
Model				M2	M3	M6	M12
Catalog				Page No - 4	Page No – 4	Page No – 4	Page No - 4
Yuyutsu Make	12	Y	17100	17100		19500	24100
Model			M1	M2s		M6s	M12s
Catalog				Page No – 7,8		Page No – 7,8	Page No – 7,8
Time Make	12	Y	31100 / 17900/17950				
Model			TT210 / TT211/TT2511				
Catalog			Page No – 9,11				

è Note : Calibration charges extra @ Rs. 1200.00

è Yuyustu make Discount 5%.

C denotes – conductive base and non conductive coating

Microns	C / 0 - 1250	C / 0 – 2000	C / 0 – 2000	C / 0 – 4000
Make	Yuyutsu	Yuyutsu	Elecoat	Yuyutsu
Rs.	17100	17100	12950	19500
Catalog	Page – 7,8	Page – 7,8	Page – 3	Page – 7,8

è Note : Calibration charges extra @ Rs. 1200.00

Combine – magnetic and non – magnetic coating / conductive base and non conductive coating

Microns	Combine	Combine	Combine	Ferrous	Combine	0-1000	0-1000	0-1250
Make	EDI	Yuyutsu	Chinese	Insize	Insize	M & W	M & W	Eurolab
Code No.		(M&C)2s		ISO-1000F	ISO – 3500FN	DGFT – 3912	DGFT – 3914	DT-156
Rs.	15800	27400	11000	27816	53833	15000	18000	9230
Catalog		Page 7,8		Page – 14,15	Page – 14,15	Page – 13	Page – 12	Page 16

è Note : Calibration charges extra @ Rs. 1200.00

103 - 1	Digital Coating Thickness Gauge	Model	Disc(%)	Catalog	Rs.
1	1250um Only Ferrous	F	10	Page - 17	11000
2	1250um Ferrous / Non Ferrous Combine	F N	10	Page - 17	14300
3	2000um Ferrous / Non Ferrous Combine	Coat Scope 27	10	Page - 18	19200
4	2000um Ferrous / Non Ferrous Combine	Coat Scope i	10	Page - 18	19200
5	4000um Ferrous / Non Ferrous Combine	Coat Scope 27-4K	10	Page - 18	26000
6	5000um Ferrous / Non Ferrous Combine	Coat Scope – 27 -5K	10	Page - 18	32000
7	Spare Probe 2 in 1 “ F “ “ nFe “ Combine		10	Page - 18	4300
8	Spare Probe “ F “		10	Page - 18	3200
9	Spare Calibration Foil Set		10	Page - 18	1800
10	PC Interface RS 232C + Software + USB Adaptor For Coat Scope & FN		10	Page - 18	4200

Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

Elecoat-C

Conductive Digital Thickness Gauge

Standard Features

Technology

- Latest technology with use of smart micro-controller.
- Direct Measurement - No Calibration Required for Most Of Surfaces.
- Highest Accuracy and Resolution.
- "Zero" and "SET" functions along with Foils and Zero base simplicities Calibration.
- Calibration Retaining System.

Probe Design

- Fully Metallic / High Quality Plastic Probe For High Service Life.
- Well Balanced and Spring Loaded Probe for Accurate measurements.
- Ideal Probe design to take reading in complex Field Areas.
- Strong Wear-Resistant Tip For Extra Service Life.
- Highly flexible Probe cable with Strain relief.

Ergonomics

- Compact and Light Weight Instrument.
- Full ABS high impact resistant body.
- Attractive Instrument display and visuals.
- External battery Compartment.

Energy Efficient

- Auto-Off Function.
- Sun Readable and Energy Saving Display.



Technical Specification

Range (Microns)	0-1500, 2000, 3000, 6000	Battery Supply Voltage / type	9 Volts (6F22)
Resolution(Microns)	0.1<20 Microns, 1>20 Microns	Working Temperature	10-15 degree C
Minimum Base Thickness	0.3 MM	Instrument Size	135*70*24
Minimum Measuring Area	6 MM	Standard Probe Size	18 MM * 14 MM (D*L)

* Any Commercial / technical aspect may change depending on future development.

Elecoat-M

Ferritic Digital Coating thickness Gauge

Standard Features

Technology

- Latest technology with use of smart micro-controller.
- Direct Measurement - No Calibration Required For Most Of Surfaces.
- Highest Accuracy and Resolution.
- "Zero" and "SET" functions along with Foils and Zero base simplifies Calibration.
- Calibration Retaining System.

Probe Design

- Fully Metallic / High Quality Plastic Probe For High Service Life.
- Well Balanced and Spring Loaded Probe for Accurate measurements.
- Ideal Probe design to take reading in complex Field Areas.
- Strong Wear-Resistant Tip For Extra Service Life.
- Highly flexible Probe cable with Strain relief.

Ergonomics

- Compact and Light Weight Instrument.
- Full ABS High impact resistant body.
- Attractive Instrument display and visuals.
- External battery Compartment.

Energy Efficient

- Auto-Off Function.
- Sun Readable and Energy Saving Display.



Technical Specification

Range (Microns)	0-1500, 2000, 3000, 6000, 12000	Instrument Size	135*70*24
Resolution(Microns)	0.1 <20 Microns, 1>20 Microns	Battery Supply Voltage / type	9 Volts (6F22)
Minimum Base Thickness	0.3 MM	Working Temperature	10-15 degree C
Minimum Measuring Area	6 MM	Standard Probe Size	18 MM * 14 MM (D*L) 40 MM * 25 MM (D*L) (For 12000 microns)

* Any Commercial / technical aspect may change depending on future development.

Elecoat-MS

Statistical Digital Coating thickness Gauge

Standard Features

Technology

- Latest technology with use of smart micro-controller.
- Direct Measurement - No Calibration Required for Most Of Surfaces.
- Highest Accuracy and Resolution.
- "Zero" and "SET" functions along with auto and zero base simplicities Calibration.
- Calibration Retaining System.

Probe Design

- Fully Metallic / High Quality Plastic Probe For High Service Life.
- Well Balanced and Spring Loaded Probe for Accurate measurements.
- Ideal Probe design to take reading in complex Field Areas.
- Strong Wear-resistant tip for Extra Service Life.
- Highly flexible Probe cable with Strain relief.

Ergonomics

- Compact and Light Weight Instrument.
- Full ABS high impact resistant body.
- Attractive Instrument display and visuals.
- External battery Compartment.

Energy Efficient

- Auto-Off Function.
- Sun Readable and Energy Saving Display.



Technical Specification

Range (Microns)	0-1500, 2000, 3000, 6000, 12000	Battery Supply Voltage / type	9 Volts (6F22)
Resolution(Microns)	0.1-20 Microns, 1-20 Microns	Working Temperature	15-15 degree C.
Minimum Base Thickness	0.3 MM	Instrument Size	135*70*24
Minimum Measuring Area	5 MM	Standard Probe Size	18 MM * 14 MM (D*L) 40 MM * 25 MM (D*L) (For 12000 microns)

The instrument ELECOAT-MS has special functions they are as follows:-

1. STATS : - This includes various numerical functions which shows the following data

- Main reading.
- Number of readings.
- Maximum reading.
- Minimum reading.
- Average reading.
- Standard deviation.



Statistical Display of Elecoat-MS

2. TOL : This function is unique and best in class, preferably used as go-no-go functions it records the data only if it is correct. Say for instance a tolerance of 2% is set for 100 microns then it will only show the reading between 98 and 102 microns. Data other than these two limits will not be recorded. Data if traced wrong say 65 microns in earlier case will give error beep. Hence it is easy to judge audio as well as from display.

3. DATA : - It will show all the data in simplified and detailed manner which will include last 50 nos. of stored readings. Also it will give brief conclusive idea regarding the readings taken.

Stored Data Elecoat-MS



Statistical Data Elecoat-MS



SCREEN CAPTURES

For special functions

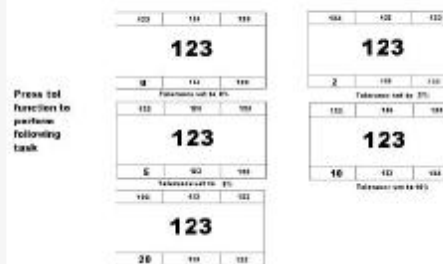
1. Stats function Screen



STATS OFF

STATS ON

2. Tolerance function Screen



3. DATA Screen



N. F. DERM

COATING THICKNESS GAUGE

It measures non-conductive coating on conductive base
It works on the principle of EDDY Current.

Application:

Checking any non-conductive coatings on conductive surface ie. Anodising, Paint, Resinous. coatings on Aluminium, brass, Copper or non-magnetic stainless Steel.

Specification:

Range - 1) 0 - 100 microns 2) 0 - 500 microns

Accuracy - ± 2 microns for (0 - 30 microns) $\pm 5\%$ above 30 microns

Dimension - 115mm X 170mm X 70mm

Weight - 900 grams with batteries

Measurable Area - 8mm diameter

Operates on Dry cell battery - 9V-6F22 type. Auto switch off.



FERRO-DERM

COATING THICKNESS GAUGE

It measures non-magnetic coating on magnetic base.
It works on the principle of electromagnetic induction.

Application:

Checking any nonferrous coating on ferrous metals.

- 1) **Plating** - Gold, Copper, Zinc on ferrous base
- 2) **Coating** - Paint, Resins, Metallic Coating
- 3) **Film** - Metal, Resin, Rubber, Paper or any

Specification:

Range - 1) 0 - 100 microns 2) 50 - 500 microns

Accuracy - ± 2 microns for (0 - 30 microns) $\pm 5\%$ above 30 microns

Dimension - 115mm X 170mm X 70mm

Weight - 900 grams with batteries

Measurable Area - 8mm diameter

Operates on Dry cell battery - 9V-6F22 type. Auto switch off.



DIGITAL COATING THICKNESS GAUGE

It measures nonmagnetic coating on magnetic base. It works on the principle of electromagnetic induction.

Digital readout of measured thickness

Auto switch off.

3 1/2 Digit LCD display.

Microcontroller based circuitry

Application:

Checking any nonferrous coating on ferrous metals.

- 1) **Plating** - Gold, Copper, Zinc on ferrous base.
- 2) **Coating** - Paint, Resins, Metallic Coating.
- 3) **Film** - Metal, Resin, Rubber, Paper or any.

Specification:

Range - 1) 0 - 1000 microns

Resolution - 1 Micron

Accuracy - ± 2 microns For (0 - 30 microns) $\pm 5\%$ above 30 microns

Dimensions - 127mm x 86mm x 41 mm

Weight - 350 grams with batteries

Measurable Area - 8mm diameter

Operates on Dry cell battery - 9V-6F22 type. Auto switch off.



YUYUTSU MAKE

Coatmeasure

with
Simultaneous Statistics Display



Coatmeasure

Measures Coating Thickness.

M2s, M6s & M12s

For Non-magnetic coatings on magnetic base. Ideal for Coatings on MS.

C2s & C4s

For Non-conductive coatings on conductive base. For Anodizing and Coatings on Brass & Aluminium.

(M&C)2s

Combined Model of M2s & C2s.

Statistics (Number of readings, average, Std. deviation, max. & min.) are updated with every reading and displayed simultaneously. It helps to decide how many readings are to be taken. Continue taking readings till you start getting reasonably consistent statistics.

Third party **Test Report** traceable to international standards.

Interchangeable probe sleeve tip(A) having

3 points for flat & spherical surface.

Interchangeable probe sleeve tip(B) having **V block** for cylindrical surfaces.

Auto-Off. If instrument remains unused for 2 minutes, it is switched off automatically. It saves battery.

Last calibration retained and Auto-retrieved.

Manipulation of readings not possible.

Models M have Hard-Chrome Plated Probe tips and Models C have Probe tips of Wear Resistant Material.

Spring loaded probe sleeve with tip ensures probe is held perpendicular.

A beep sound is heard when reading is obtained.

Low battery indication -
Display shows **BAT** continuously.

Test Base - To check satisfactory working.

Testfoils - For calibration.

Socket for AC Adaptor.

Wooden Case.

Maximum number of readings - 254.

Working Temperature - 0 to 50 degree C

Supply Dry Battery - 9V (6f22).

Display Digit Height - 5.6 mm.

Instrument Size - 127x83x41 mm.

Instrument Weight - 300 gms.

Probe wire Length - 1000 mm.

Extra Accessories :

- Ac Adaptor.
- Handsfree Pouch - held by waist band & neck sling.

On Request, instrument mfd. with :

- Carbide/Ceramic Probe Tip (Only With Models M).
- Angle probe with Extension Rod of length mm 100/200/300.

* Probe for Temp. 300 °C

Being linked to Average Value, Zero Setting & Calibration are near perfect.

Coatmeasure		M2s	C2s	(M&C)2s	M6s	M12s	C4s
Range / Resolution	microns	(0-20)/0.1 (20-2000)/1	(0-20)/0.1 (20-2000)/1		(0-1000)/01 (1000-6000)/10		(0-1000)/01 (1000-4000)/10
	mm					(0-1)/0.001 (1-12)/0.010	
Accuracy	microns	1 or 1%	2 or 1.5%	Refer	10 or 1%	10 or 1%	10 or 1%
Probe Size, Dia. x Length	mm	14 x 30	18 x 44	M2s	17 x 30	30 x 45	18 x 44
Min. Base thickness	mm	0.3	0.3	&	0.3	0.5	0.3
Min. Area For Flat - a circle of dia.	mm	10	11.5	C2s	11.5	23	11.5
Min. dia. for Cylinder - outside	mm	6	8		8	10	8
Min. dia. for Cylinder - inside	mm	15	20		20	40	20
Min. radius for Spherical Surface, Outside	mm	8	10		10	20	10
Min. radius for Spherical Surface, Inside	mm	15	20		20	30	20

COATING THICKNESS GAUGE

>>TT211



Features:

- Measuring method: magnetic induction (F)
- Economical model with F probe integrated
- Single point measurement mode
- Easy calibration on zero point
- 3 kinds of adjustable resolution for different application
- High speed data collection
- Automatically switch off
- Easy conversion between mm and inch

Technical Specification

Probe types		F		
Measuring methods		magnetic induction		
Measuring range		0 to 1250μm		
Display resolution		1μm	5μm	10μm
Tolerance		$\pm (3\%H + 1)$	$\pm (3\%H + 1.5)$	$\pm (3\%H + 10)$
		H means the thickness of tested piece		
Measuring condition	Min. curvature radius (mm)	Convexity 1.5		
	Min. testing area diameter (mm)	φ7		
	Critical thickness of substrate (mm)	0.5		
Power supply		Battery AAA (2pcs)		
Working Temperature		0-40℃		
Dimensions		110mm × 50mm × 23mm		
Weight		100g		

Standard delivery

- Main unit
- Substrate
- Battery
- Waist pack for main unit
- Instruction manual
- TIME certificate
- Warranty card

TIME®2511

COATING THICKNESS GAUGE

Standard Delivery

• Main unit	1
• Substrate	1
• AAA 1.5V battery	2
• Waist pack for main unit	1
• Instruction manual	1
• TIME certificate	1
• Warranty card	1

**Features**

- Economical model with F probe integrated
- Single point measurement mode
- Easy calibration on zero point
- 3 kinds of adjustable resolution for different application
- High speed data collection
- Automatically switch off
- Easy conversion between mm and inch

Technical Specification

Probe types		F		
Measuring methods		magnetic induction		
Measuring range		0 to 1250 μ m		
Minimum resolution		1 μ m	5 μ m	10 μ m
Tolerance		$\pm(3\%H+1)$	$\pm(3\%H+1.5)$	$\pm(3\%H+10)$
		H means the thickness of tested piece		
Measuring condition	Min. curvature radius (mm)	Convexity 1.5		
	Min. testing area diameter (mm)	$\varnothing 7$		
	Critical thickness of substrate	0.5		
Power supply		Battery AAA (2pcs)		
Working Temperature		0~40°C		
Dimensions(mm)		110×50×23		



Coating Thickness Gauge

DGFT-3914



Range: 0-1000um/0-40mil

Resolution: 0.1 um (0~99.9um)

1 um (over 100um)

Accuracy: $\pm 1 \sim 3\%$ or 2.5 um

(Whichever is the greater)

Operating condition:

Temp. 0~40°C, Humidity <80%

Accessory :

Carrying case 1 pc.

Operation manual 1 pc.

FN probe 1 pc.

Calibration foils 1 set

Substrate (Iron) 1 pc.

Substrate (Aluminium)..... 1 pc.

Optional accessories:

cable & software for RS-232

Coating Thickness Gauge

DGFT-3912



Range : 0~1000 um/0~40mil

Resolution : 0.1 um (0~99.9um)

1 um (over 100um)

Accuracy : $\pm 1 \sim 3\%$ or 2.5 um or 0.1mil

(Whichever is the greater)

Operating condition:

Temp. 0~40°C, Humidity <80%

Accessories:

Carrying case1 pc.

Operation manual1 pc.

FN probe in built1 pc.

Calibration foils1 set

Substrate (Iron)1 pc.

Substrate (Aluminium).....1 pc.

Optional accessories:

cable & software for RS-232C

INSIZE MAKE

COATING THICKNESS GAGE CODE ISO-1000F

ATTENTION:
BASIC MODEL

MEASURE NON-MAGNETIC COATING
ON MAGNETIC SUBSTRATE



zero calibration block (included)



calibration foils (included)

- To measure the thickness of non-magnetic coating on magnetic substrate
substrate: steel, iron, magnetic stainless steel (non-magnetic stainless steel is not included)
coating: zinc, copper, chrome, tin, plastic, paint (nickel is not included)
- Low and high limits with judgement
- Calculate average value automatically
- Automatic power off

SPECIFICATION

Measuring range	0~1250 μ m
Accuracy	$\pm(3\%L+1)\mu$ m L is measuring thickness in μ m
Resolution	0.1 μ m (range<50 μ m)
	1 μ m (range \geq 50 μ m)
Repeatability	$\pm(2\%L)\mu$ m L is measuring thickness in μ m
Measuring mode	continuous and single
Minimum substrate thickness	0.5mm
Minimum measuring area	\varnothing 7mm
Minimum curvature radius of convex workpiece	1.5mm
Memory	500
Power supply	3x1.5V AAA batteries
Dimension	155x72x27mm
Weight	230g

STANDARD DELIVERY

Main unit	1pc
Magnetic induction probe	1pc
Zero calibration block	1pc
Calibration foils (50 μ m, 100 μ m, 250 μ m, 500 μ m, 1000 μ m)	1set
1.5V AAA battery	3pcs

COATING THICKNESS GAGE CODE ISO-3500FN



FOR MAGNETIC AND
NON-MAGNETIC MATERIALS

NOT SUITABLE FOR
ROUGH SURFACES

- Integrated with magnetic-induction probe (Fe) and eddy current probe (NFe), switch to the suitable probe automatically according to the material to be measured
- Magnetic induction probe (Fe) is to measure the thickness of non-magnetic coating on magnetic substrate
Substrate: iron, steel, magnetic stainless steel (does not include non-magnetic stainless steel)
Coating: zinc, copper, chrome-tin, plastic powder, paint (does not include nickel)
- Eddy current probe (NFe) is to measure the thickness of non-conductive coating on non-magnetic metal substrate
Substrate: copper, aluminum, zinc, non-magnetic stainless steel
Coating: plastic powder, paint, anodizing
- Set zero without calibration foil
- Power off automatically (40 seconds without operation)

SPECIFICATION

Measuring Range		0~3500μm	
Accuracy		± (2%L+1)μm (range<1000μm)	L is measuring thickness in μm
		± (3.5%L)μm (range≥ 1000μm)	
Resolution		0.1μm (range<100μm)	
		1μm (range100~1000μm)	
		10μm (range≥ 1000μm)	
Repeatability		1μm (range<1000μm)	
		10μm (range≥ 1000μm)	
Measuring mode		continuous and single	
Calibration mode		zero calibration	
Minimum substrate thickness		magnetic-induction: 0.2mm, eddy current: 0.05mm	
Minimum measuring area		10x10mm	
Minimum curvature radius of workpiece	concave	30mm	
	convex	5mm	
Power supply		9V battery	
Dimension		118x58x38mm	
Weight		150g	

STANDARD DELIVERY

Main unit	1pc
Zero calibration block for Fe probe	1pc
Zero calibration block for NFe probe	1pc
9V battery	1pc

OPTIONAL ACCESSORY

Standard foil (for checking accuracy) 20μm, 50μm, 100μm, 250μm	ISO-3500FN-FOIL
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EUROLAB MAKE



COATING THICKNESS METER EUROLABDT156

FOR FE & NON- FE BOTH

Dual Technology Features Automatic
Selection of Magnetic Induction or Eddy
Current Measurement Techniques.

Features:

1. Non-magnetic coatings(e.g. paint, zinc)on steel
2. Insulating coatings(e.g. paint)on no-ferrous metals
3. No-ferrous metals coatings on insulating substrates
4. Menu operation system
5. Two measuring mode: CONTINUE and SINGLE mode
6. Two working Mode: DIRECT and GROUP mode
7. Statistic Display: AVG, MAX, MIN, NO., S.DEV
8. One point calibrating, two points calibrating and basic calibrating easily
9. Memory for 400 readings(80 DIRECT and 320 GROUP readings)
10. Delete single readings and all group readings easily
11. High alarm and Low alarm for all working mode
12. Low battery, error indication
13. USB interface for PC software(windows 98/2000/xp/vista)

Specifications:

Sensor probe	F	N
Working principle	magnetic induction	Eddy current principle
Measuring range	0~1250um	0~1250um
Guaranteed tolerance (of reading)	(+/- 3%+1)um	(+/- 3%+1.5)um
Low range Precision	0.1um	0.1um
Minimum curvature radius	1.5mm	3mm
Diameter of Minimum area	3mm	5mm
Basic critical thickness	0.5mm	0.3mm
Size(HxWxD)	113.5mm x 54mm x 27mm	
Weight	110g	

Features: It can be used both in the laboratory and in harsh field conditions.

- Performs two different method of calculating coating measurement by utilizing characteristic of both eddy current and magnetic induction both non-destructive and accurate.
- Can measure the thickness of non-magnetic materials (e.g. paint, plastic, porcelain enamel, copper, zinc, aluminium, chrome etc.) on magnetic materials (e.g. iron, nickel etc.) . Often used to measure the thickness of galvanizing layer, lacquer layer, porcelain enamel layer, phosphide layer, copper tile, aluminium tile, some alloy tile, paper etc.
- * Can measure the thickness of non-magnetic Coatings on non-magnetic metals. It is used on anodizing, varnish, paint, enamel, plastic coatings, powder, etc. applied to aluminium, brass, non-magnetic stainless steel, etc.
- * Unique Single probe Used to Measure "Fe" (ferrous) "nFe" (non-ferrous) substrates.
- Automatic substrate recognition. * Manual or automatic shut down. * Two measurement mode: Single and Continuous * Wide measuring range and high resolution. * Metric/Imperial conversion. * Digital backlit display gives exact reading with no guessing or errors. *Max/Min/Ave reading *99 Measurement memory can be stored/Recall *PC Interface with optional RS 232C cable Software.



Model	Metrix+ Coat Measurer F (Ferrous)	Metrix+ Coat Measurer F+N (Combine)
International Standard	It meets the standards of both ISO2178 and ISO 2361 as well as DIN, ASTM and BS.	
Display	4 digits LCD, backlit	
Measuring range	0-1250µm/0-50mil	
Resolution	0.1 µm (0~99.9µm); 1 µm (over 100µm)	
Accuracy	±1-3%n or ±2.5µm	
Min. radius work piece	F: Convex 1.5mm / Concave 25mm NF: Convex 3mm / Concave 50mm	
Min. measuring area	6mm	
Min. sample thickness	0.3mm	
Metric/Imperial	Selectable	
Operating condition	Temp. 0~50°C ; Humidity <95%	
Battery indicator	low battery indicator	
Auto Power off	√	
Power supply	4x1.5V AAA(UM-4)battery	
Dimensions & weight	145x65x25 mm	145g(not including battery)
Standard Accessories	Probe (F/nF combine)'0' Calibration Blocks, Calibration Foils, Operation Manual & Hard Carry case	
Optional accessories	RS-232C Cable, USB Cable & software for PC data..	

Features: It can be used both in the laboratory and in harsh field conditions.

- Performs two different method of calculating coating measurement by utilizing characteristic of both eddy current and magnetic induction both non-destructive and accurate.
- Can measure the thickness of non-magnetic materials (e.g. paint, plastic, porcelain enamel, copper, zinc, aluminium, chrome etc.) on magnetic materials (e.g. iron, nickel etc.) . Often used to measure the thickness of galvanizing layer, lacquer layer, porcelain enamel layer, phosphide layer, copper tile, aluminium tile, some alloy tile, paper etc.
- * Can measure the thickness of non-magnetic Coatings on non-magnetic metals. It is used on anodizing, varnish, paint, enamel, plastic coatings, powder, etc. applied to aluminium, brass, non-magnetic stainless steel, etc.
- * Unique Single probe Used to Measure "Fe" (ferrous) "nFe" (non-ferrous) substrates.
- Automatic substrate recognition. * Manual or automatic shut down. * Two measurement mode: Single and Continuous * Wide measuring range and high resolution. * Metric/Imperial conversion. * Digital backlit display gives exact reading with no guessing or errors. *Max/Min/Ave reading *99 Measurement memory can be stored/Recall *PC Interface with optional RS 232C cable Software.



Model	Metrix+ Coat Scope – i (Integrated Probe)	Metrix+ Coat Scope 27
International Standard	It meets the standards of both ISO2178 and ISO 2361 as well as DIN, ASTM and BS.	
Display	4 digits LCD, backlit	
Measuring range	0-2000µm/0-80mil	
Resolution	0.1 µm (0~99.9µm); 1 µm (over 100µm)	
Accuracy	±1-3%n or ±2.5µm	
Memory Store/Recall	Min/Max/Ave.	99 Group Measurements
Min. radius work piece	F: Convex 1.5mm / Concave 25mm	
	NF: Convex 3mm / Concave 50mm	
Min. measuring area	6mm	
Min. sample thickness	0.3mm	
Metric/Imperial	Selectable	
Operating condition	Temp. 0~50°C ; Humidity <95%	
Battery indicator	low battery indicator	
Auto Power off	√	
Power supply	2x1.5V AAA(UM-4)battery	
Dimensions & weight	130x65x35 mm	90g(not including battery)
Standard Accessories	Probe (F/nF combine)'0' Calibration Blocks, Calibration Foils, Operation Manual & Hard Carry case	
Optional accessories	RS-232C Cable & software, USB Cable & software, Bluetooth data output. Other	

FOIL SET

