



# BEARING & TOOL CENTRE



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## Our Sister Concern : RELIEF SERVICE CENTRE

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

### Quotation

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

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

Range-mm	W	C	0 – 2000	0 - 3000	0 - 6000	0 - 12000
Elecoat	12	Y	12950	13850	14750	16900
Model			<b>M2</b>	<b>M3</b>	<b>M6</b>	<b>M12</b>
Catalog			Page – 3	Page – 3	Page – 3	Page – 3

è Note : Calibration charges extra @ Rs. 600.00

**C denotes – conductive base and non conductive coating**

Microns	C / 0 – 2000
Make	Elecoat
Rs.	12950
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è Note : Calibration charges extra @ Rs. 600.00

### 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 Folds 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 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	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 volts 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	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* $\phi$ ) 40 MM * 25 MM (D* $\phi$ ) (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 05 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 50ms 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**

Press stats function to perform following task

**123**

**STATS OFF**      **STATS ON**

**2. Tolerance function Screen**

Press tol function to perform following task

**123**

**3. DATA Screen**

Press data function to perform following task

1: 104    1: 120  
2: 122    2: 122  
3: 122    3: 120  
4: 104    4: 120  
5: 122    5: 122  
6: 104    6: 120  
7: 122    7: 122  
8: 122

STATISTICAL DATA  
NO. OF READINGS = 11  
MINIMUM = 119.33  
MAXIMUM = 128.00  
AVERAGE = 121.22  
STD. DEV. = 2.33

CERTIFICATE OF ACCREDITATION

**SACARDANDE ENGINEERS**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

*"General Requirements for the Competence of Testing & Calibration Laboratories"*

for its facilities at

113, Kothari Estate, LBS Marg, Bhandup (W), Mumbai

in the field of

MECHANICAL CALIBRATION



# FOIL SET

