

Supporting Service for Gauge Operation in Factory!

Gauge Supporting Tool

Coating thickness gauge Ver.

This is a service outputs results of coating thickness gauge easily to Excel

It efficiently reduces manpower from 2 labors, measurer and writer, to 1 labor.

It eliminates transcribing mistakes from gauge slips.

It outputs directly to Excel format of customer's coating thickness gauge slips.

It expands range of movement by wireless instrument.

Gauge supporting tool

Effect

<Measurement>
Jan-Dec of 2016
(1980 boards)

Before

Man-hours: 5 min/board • 2 labors x 1980 boards
= **330 hours/year**

After

Man-hours: 1min/board • 1 laborx1980 boards
= **33 hours/year**

Effect of 10 times

<Make Slips>
Jan-Dec of 2016
(330 slips)

Before

(Collect slips: 5min+Transcribe: 10min) x330
= **82.5 hours/year**

After

Make slips automatically
= **33 hours/year**

Effect of 2.5 times



Bluetooth-PG

Connection Information
COM4 9600bps

Value
Decimal point Same

Output (Open File Name<Excel, txt>)

Received Data

Connect

Search

End

Test02	Test03	Test04	Test05	Test06	Test07	Test08
41.2	36.7	43.4	45.6	44.5	44.3	45.6
43.5		44.3	43.5	47.5	47.4	45.3
44.5	34.5	38.6	46.5	46.2	46.5	44.6
43.1	38.2	42.1	45.2	46.1	46.1	45.2
43.1	38.2	42.1	45.2	46.1	46.1	45.2
43.1	38.2	42.1	45.2	46.1	46.1	45.2

Coating Thickness Result Sheet

In-house No. 2017/04/13 measure Name
Observation: 2017/04/13 measure Name

Panel No.

Excel icon

Service Images

Total image



Elcometer456

International standard

AS, AS/NZS, ASTM,
BS, DIN, ECCA,
EN, IMO, ISO,
JIS, NF, SS,
SSPC, US NANY

※Excel formats are made as specification of reports to customers and internal QC, and filled in directly.

Excel Format

Excel VBA

Coating Thickness Result Sheet												
Mfg. NSE006		In-house test: 2017/04/13 measurer Name										
Item N1		Observation: 2017/04/13 measurer Name										
Panel Name	Panel Name(In a lump)			Panel No.	BAN2							
T C h o i a c t k i n n e s s	I n - h o u s e	1	40.5	41.2	36.7	43.4	45.6	44.5	44.3	45.6	43.5	
		2	38.5	45.5	43.4	43.8	45.5	44.4	45.3	44.7		
		3	39.5	47.5	39.5	39.6	40.5	40.2	40.5	40.6	43.0	43.8
		Average	47.8	43.1	38.2	42.1	45.2	46.1	45.2	43.8	44.0	
O b s e r v a t i o n	I n - h o u s e	1	46.7									
		2	43.6									
		3	47.6									
		Average	46.0	#####	#####	#####	#####	#####	#####	#####	#####	
(μm)	I n - h o u s e	1										
		2										
		3										
		Average	#####	#####	#####	#####	#####	#####	#####	#####	#####	

```
Private Sub Worksheet_Change(ByVal Target As Range)
    Dim i As Long
    Dim j As Long
    i = 3 * 10 * 4
    For i = 1 To j
        Select Case Target.Row
            Case "12"
                Cells(13, Target.Column).Select
            Case "13"
                Cells(14, Target.Column).Select
            Case "14"
                If Target.Column = 40 Then
                    Cells(16, 13).Select
                Else
                    Cells(12, Target.Column + 3).Select
                End If
            Case "16"
                Cells(17, Target.Column).Select
            Case "17"
                Cells(18, Target.Column).Select
            Case "18"
                If Target.Column = 40 Then
                    Cells(20, 13).Select
                Else
                    Cells(16, Target.Column + 3).Select
                End If
            Case Else
                End Select
        Next i
    End Sub
```

Excel Simple Ver.

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