

PreciGo

Gauge Computer



PreciGo

LVDT & Air Gauge Models



PreciGo

DIGITAL GAUGING

bunch of features that
**COVERS ALL YOUR
GAUGING NEEDS**

MULTI GAUGING

ONLINE GAUGING

AUTO GAUGING

PRECIGO... PRECISION ON THE GO...

PreciGo is a multi-feature gauge computer which makes your gauging operation , easy, quick and consistent. The range of its features makes it the core of your gauging system. Be it a standalone gauge, online gauging or gauging automation; it will be the nucleus of your quality control aiming zero process rejections...



**7" LARGE
TOUCH SCREEN**



**WALL
MOUNTABLE**



**ALUMINIUM
ENCLOSURE
EXCELLENT EMI/EMC**



**USER FRIENDLY
INTERFACE**



**FOOT SWITCH
OPTION**

BE INDUSTRY 4.0 READY

With **PreciGo**

Now you can visualise the entire production line on server dash board.



Data Transfer over Wifi to Server



Hybrid/Local Cloud



Multiple Devices can be Connected

- Measured data can be sent to client's cloud server
- Client will be in full control of the data
- No yearly expenses
- Free hybrid IOT software

COMPONENT TRACEABILITY

PreciGo is enabled with component tracking feature



QR Code/ Barcode Printer
& Scanner Integration



- Readings are saved with individual component ID
- Component details can be printed on bar code

DIGITAL GAUGING ELIMINATE HUMAN ERROR

- No operator Interpretation required. Readings are displayed directly.
- Metric/ Inch Measurement mode
- Manual/Auto Save readings facility with current date & time
- Lakhs of readings can be saved
- Hundreds of different part programs can be saved



OK/NOT OK/ REWORK status displayed on screen with Buzzer Output



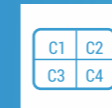
Color changing dial for better understanding



Readings can be exported to .CSV file

MULTI GAUGING FOR MULTIPLE DIMENSIONS

Connects up-to 4 channels (Air or LVDT probe)



All Channels can be seen on screen at a time

OK/NOT OK/REWORK indication for each dimension separately

* More channels available on request

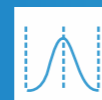


ONLINE GAUGING REAL TIME GAUGING WITH SPC FUNCTIONS

Now check and control quality during the manufacturing process.



SPC charts like line chart, Histogram are created



Cp, Cpk calculations



Stores part count with real time date-time stamp

With PreciGo you can instantly react to process changes. It helps you to improve productivity and achieve zero rejection.



AUTO GAUGING FOR SMART QUALITY CONTROL

PreciGo is compatible with Auto Gauging. It can communicate with PLC of your auto gauging system and open up immense possibilities of consistent and swift quality control.



PLC integration via MODBUS



QR Code / Barcode Printer and Scanner interface



Basic Relay input outputs



Industry 4.0 Ready



Encoder, linear scale interface



Integration with **Customer QMS** possible

SPECIFICATIONS

Sr. No	Specifications	Air Gauge	LVDT
1	Display	7" Touch Screen	7" Touch Screen
2	Working Principle	Piezo Electric (No Mechanical Transducer Required)	LVDT Probe
3	Input Channels	1 to 4*	1 to 4
4	Indication	Buzzer	Buzzer
5	LAN port	1	1
6	USB ports	2	2
7	Serial Port (Optional)	1	1
8	Digital Inputs / Digital Outputs	2DI/3DO	2DI/3DO
9	VGA Port (Optional)	1	1
10	HDMI Port (Optional)	1	1
11	Calibration	Double master	Single master / Double master configurable
12	Measurement modes	Current, MIN, MAX, AVG, DELTA	Current, MIN, MAX, AVG, DELTA
13	Power Supply	100~240vAC	100~240vAC
14	Enclosure	Aluminium	Aluminium
15	Accuracy	±1% FSD	±1% FSD
16	Least Count	0.001mm/0.0001mm	0.001mm/0.0001mm
17	Measuring Mode	Standard / Ovality	Standard / Ovality
18	Dimensions	284mm x 106mm x 165mm - 1 & 2channels	284mm x 106mm x 165mm - 1 to 4 channels
19	Weight	3Kg - 1 channel, 3.4kg - 2 channel	2.5kg - 1 to 4 channels

FEATURES AT A GLANCE

- Color Changing Dial Display
- OK - NOT OK - REWORK Indication
- Run Chart for Process Capability
- SPC Features Like Cp, Cpk, Histogram Chart
- Upper and Lower Limit Indication on Dial, Run Chart, Histogram
- Metric/Inch Measurement Mode
- Stores Part Count with Real Time Date-Time Stamp
- Manual/Auto Save Facility
- Lacs of Readings can be Saved
- 100 Different Programs can be Created
- Export Saved Readings in .csv Format through USB Port
- Buzzer/Relay Output
- Important Setting is Password Protected
- QR Code / Barcode Printer and Scanner Interface
- Integration with Customer QMS Possible
- Data Transfer over Wifi to Server
- Hybrid/Local Cloud - Free Hybrid IOT Software
- Multiple Devices can be Connected



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