



Sai Accurate Instruments



- ▶ AIR ELECTRONIC INSTRUMENTS
- ▶ AIR GAUGES
- ▶ SPC SOFTWARE
- ▶ ATTRIBUTE GAUGES
- ▶ THREAD DEPTH GAUGES
- ▶ MULTI GAUGING

AIR ELECTRONIC COLUMN GAUGE

- Single Channel tri color bar graph and Six Digit Display
- Inch and metric Ranges
- Compatible with Half bridge and full bridge LVDT probe
- Absolute / Comparative measurement
- Static / Dynamic measurement
- Pneumatic converter with 1 input when supplied with this module
- Pneumatic converter without flow control valves
- RS-232 serial port for PC connectivity
- External relay output
- Sleek and thin enclosure design
- Fixture selection or model selection facility provided. 16 fixture data saved
- Optional 10,000 readings storage facility



ELECTRONIC DISPLAY UNIT - EDU

- Bright 6 digit tricolour LED display
- Metric / Inch relative absolute measurement
- Least Count 0.0001 / 0.001mm and 0.00001/0.0001 inch
- Auto calibration and auto zero
- Static & Dynamic (max., min., average, TIR) measurement
- RS-232 serial port for PC connectivity
- External relay output
- Fixture selection or model selection facility provided. 16 fixture data saved
- Optional 5000 readings storage facility



ELECTRONIC DISPLAY UNIT - MUX

- 7 SEG Tri color LED Display
- Inch and Metric measurements
- Auto Calibration and Auto Data saving
- Data Storage with Date and Time (optional)
- RS232, USB possibility of connecting
- 8 digital outputs to operate pneumatic cylinders, solenoids etc.
- Password protection
- Least count 0.0001/0.0005/0.001
- Air Saving Facility
- External Relay Output
- Tolerance Unit Setting
- 4 Gauges can be checked (one at a time)
- Low air pressure signal
- No Probes or Transducers requires
- Accuracy $\pm 1\%$ FSD
- 8x2 LCD for fixture selection
- Shows accept / reject status

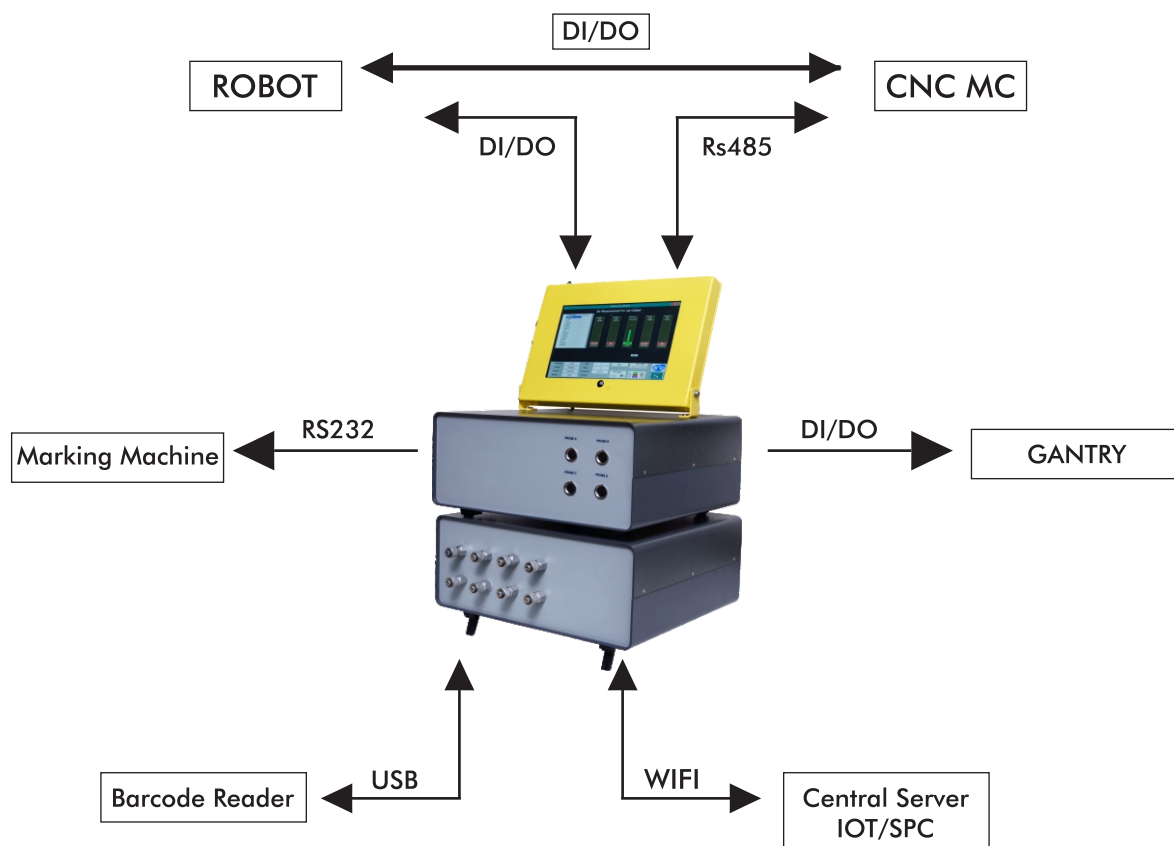


ANALOG UNIT MODEL : 1A/UNIVERSAL

- Works on null balance pressure system
- Operation pressure : 43psi - 60psi (3-4 bar)
- Available in two resolution
 - L.C. 0.0005mm, Range: ± 0.02 mm
 - L.C. 0.001mm, Range: ± 0.04 mm



ACCU TOUCH AIR GAUGE UNIT



Technical Specifications :

Input Channel	1/2/3/4/5/6 Nos Piezo & LVDT
Resolution	0.0001/0.0002/0.0005/0.001
Units	mm
Measurement Modes	Cur / Max / Min / Avg / Difference
Output Results	Maximum up to 32 per part setup
Part Setup	Maximum up to 100
Result Formula Editor	Result formula can be edited for combinations of pneumatic channels and /or other results.
Indications	Pass, Fail, Warning
Calibrations	Single master/double master configurable
User Interface	10" Colour LCD Display With Resistive Touch
Pc Interface	2XRS-232, RS - 485, USB
Digital Inputs/Outputs	8 inputs + 8 outputs, opto isolated
Footswitch Interface	F1,F2,F3,F4
Display Views	Digital Readout /Dial / Run Chart
Memory	In built micro SD card of 4GB for data storage
SPC	CP, CPK, PP, PPK, Calculations, Charts, X-R, X-S, Histogram
Reports Save	Shift / Datewise
Reports Access	Thumb Drive/LAN (with Smart Client Utility)

DRO AIR / LVDT CONDITIONER UNITS



Technical Specifications :	DRO LE - V1		
Input channels	2	3	4
Display function	2/3/4	2/3/4	2/3/4
Air sensor	Piezo Type (optional)		
Display type	0.56 Inch / 1 Inch Tri Colour 7 Segment		
Readout	Absolute / Comparative		
Modes of operation	Current / Max / Min / Average / Difference		
Least count	0.0001/0.0002/0.0005/0.001		
Pc communication	RS-232 / RS-485(optional)		
Data storage memory	4 GB data storage in "CSV" format		
Data storage	Using foot switch		

CONNECTING ROD MULTI-GAUGING



Connecting rod multi-gauging to Check with DRO LE - V1 6CH

- Big End Diameter
- Small End Diameter
- Centre Distance
- Bend
- Twist

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