



Tru-Thread Gauges & Tools Pvt. Ltd.

With four decades of experience in Thread Gauging, we are excited to broaden our horizons with the addition of Air and Electronic Gauges to our products portfolio.

Tru-Thread provides Reliable Gauging Solutions for mission critical applications



- | THREAD GAUGES | PLAIN GAUGES | SETTING RINGS & PLUGS |
- | AIR GAUGING | ELECTRONIC GAUGING |
- | AIR PLUGS, AIR RINGS, AIR SNAP GAUGES |
- | CUSTOMIZED THREAD-GAUGING & MULTI-GAUGING SOLUTIONS |

AIR GAUGING

TFT or HMI -based Air gauge (7" and 4.3")

Piezo Electric Pressure sensor-based electronic unit with TFT Industrial display.

Common Features and Specifications for both models.

- 2/3/4 or more no. of channels as per requirement.
- Can be customized to use one channel or all channels at a time.
- Measuring Range from -999.999 to +999.999, LC of 0.1micron or 1 micron
- Auto drain Filter for inlet air connection
- Standard dial type connector with 'Air cut off ' to save air
- Data output through a USB port in .CSV format & can be imported into Excel
- Date and Time wise reports possible
- One RS-232 Serial Port & one USB Port: Host/ Slave.
- Memory can be increased in both models



4.3" TFT or HMI

- In-built Data Logger with 4 GB Memory
- Optional Wi-Fi for data transfer

Software can be customized
in special cases

7" TFT or HMI

- In-built Data Logger with 8 GB Memory
- Built- in Wi-Fi for data transfer

Software Features

- On- screen red, yellow and green indications for accept, reject, and rework conditions.
- Accept, reject and rework signals can be given to the machine with a potential free supply
- Poka- yoke for a sequence of inspections & for all diameter inspections or alarms possible.
- Ten programs per channel are possible. For 4 channel TFT display unit you can make 40 programs.
- Online display of run charts, Cp & Cpk values in reports with parameters.
- All Report formats include the time and date of inspection.
- Multiple reports saving. Auto and Manual Data saving modes can be provided.
- Optional Feature: On picking up of gauge, the component view is displayed to indicate the bore.

AIR GAUGING

Tricolour Digital Air Gauge

Piezo Electric Pressure sensor-based electronic unit with seven-digit Tri-colour display

Features and specifications

- 2/3/4 or more no. of channels as per requirement.
- Can be customized to use one channel or all channels at a time.
- LC 0.1 or 1 micron & Accuracy +/- 1% FSD
- Absolute and comparative, measurement modes
- Auto drain Filter for inlet air connection
- 'Air cut off 'to save air when not in use.
- In-built RS 232 port for data output
- Data output through a USB port in .CSV format & can be imported into Excel.
- Optional Wi-Fi facility for data transfer
- Optional Data Logger with 4 GB memory
- Red, Yellow & green LED indications to show Accept, Reject and Rework conditions.
- Accept, Reject and Rework signals can be given to the machine with potential free supply
- Poka-yoke for the sequence of inspections & for all diameter inspection or alarm possible. Multiple reports saving.
- All Report formats include the time and date of inspection.
- User-friendly interface for operation of gauging station.



DATA LOGGER

Optional & can be added to Tricolour Digital Air Gauge unit

Data logger

- 4 GB internal Memory, One USB Port:- Host/ Slave
- Data is automatically stored & retrieved in .CSV format for importing it into Excel.

AIR GAUGING

Mechanical Air Gauge (Model 1-A) *Transducer based Dial type Air Gauge unit.*

Features and specifications

- 100 mm dial diameter for easy visibility
- Single channel
- Range ± 0.040 mm
- LC 1 micron
- Auto drain Filter for inlet air connection

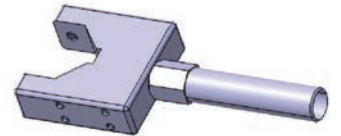
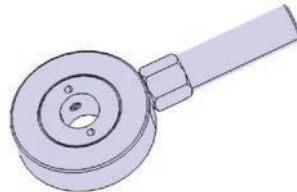


AIR GAUGES

Air Plug, Air Ring, Air Snap Gauges & their Setting Masters

MANUFACTURING RANGE-

- Air Plugs: 3-200mm,
- Air Rings: 3-225 mm,
- Air Snap Gauges: 3-200mm



- Hard Chrome plated for wear resistance & long life
- Range of Air Jet Sizes suitable for almost all types of Air Gauges.
- Jet Sizes are 0.6mm, 0.8mm, 1mm, 1.6mm & 2.07mm.

ELECTRONIC GAUGING

Electronic Digital readout (DRO) unit *LVDT base electronic gauge*

Features and specifications

- 2/3/4 or more no. of channels as per requirement
- LC 0.1 micron or 1 micron
- Data output through a USB port in .CSV format & can be imported into Excel.
- Different varieties of Probes to suit your application are available.
- Optional Wi-Fi facility for data transfer



Our design team offers multi-gauging solutions customized to suit your gauging requirements. We have pre-configured solutions for gauging connecting rods, and crankshafts.



Disclaimer: The world map is a graphic representation. We have made efforts for its accuracy, but still, some inaccuracies may be present due to the limitations of the size of the map. These errors are unintentional.

Our satisfied customers are spread all over the world in all types of Engineering industries

- | Automobiles & components.
- | Defense equipment.
- | Hydraulics.
- | Pneumatics.
- | Scuba diving equipment
- | Aerospace.
- | Dairy equipment.
- | Machine tools.
- | Oli & Gas
- | Medical Equipment
- | Agro equipment.
- | Electric Vehicles
- | Boilers / Pressure vessels.
- | Fasteners



Quality Management System compliant with **ISO 9001-2015** certified by **TÜV-SÜD.**

Latest certificates are available on our website.

Accreditation for **ISO 17025-2017** recognised across the world through **ILAC-MRA**



For your Gauging needs, Contact us.



Tru-Thread Gauges & Tools Pvt. Ltd.

CIN : U17231PN1982PTC027369

T-83, M.I.D.C. Bhosari, Pune- 411 026. Maharashtra. (INDIA)

Tel.: +91-20-4676 9500/4676 9505.

Email : sales-EAG@truththread.com, mktg@truththread.com, export@truththread.com

Website : www.truththread.com