

SWAROOP

A Passion of Service



COMPANY PROFILE

M/s Swaroop Autotechnologies Pvt. Ltd.

Manufacturer of precision measuring Instrument



AN ISO 9001: 2015 CERTIFIED COMPANY

This along with NABL Certified ISO/IEC 17025:2017 Lab help
to attend highest quality standards and process of
Continuous improvement

..... **Dedication for precision since 2004**

www.airgauges.net | www.swaroopgauges.com

Policy

Swaroop's motive is to delight all its customers by supplying gauges at the right time and competitive cost. To achieve this we do continuous improvement in every sphere of process.

Our motto states-
Passion for service

Objective

Enhancing of customer gratification and become a significant as well as a one stop quality consultant in the field of Dimensional Metrology.



Mr. Rajiv Bhardwaj
(Managing Director)

"Our goal is '100% customer satisfaction' and as 'Reliable partner for Gauges', we are providing the inspection solution (Mechanical or Electronics gauges) to the auto, fans, precision components and equipment manufacturers/suppliers."



Mr. S.S. Bhardwaj
(Chairman)

AIR GAUGES

FUNCTION OF AIR GAUGING UNIT

Air gauging system gives the most economical solution to your inspection problem at low tolerances on the shop floor. Air Gauging units work on back pressure technology, which we produce with the help of our seasoned team and superior machine & technology.

Air Plug (Ring) Gauge are used to check internal (external) diameter/size, ovality, taper, lobbing of precision components.



Air plug gauge set includes:

- Air plug gauge
- High setting ring
- Low setting ring
- Adopter/Connector
- Inspection certificate

Air ring gauge set includes:

- Air ring gauge
- High setting plug
- Low setting plug
- Adopter/Connector
- Inspection certificate

TYPES OF AIR GAUGES



On the basis of jets

- 2 jet APG / ARG for checking Size, Diameter, Taper, Ovality.
- 3 Jet APG / ARG for checking lobbing and average size, Diameter and taper.
- 4 Jet APG / ARG for checking average size and taper.



On the basis of component

- Thru Bore (T.B.) APG to check thru I.D.
- Central jet ARG to check plain O.D.
- Blind Bore (B.B.) APG to check blind I.D.
- Corner jet ARG to check step O.D.
- Special Blind Bore APG / Spl. Corner ARG to check diameter having checking land less than 4 mm.

FUNCTION OF THREAD GAUGES



Thread gauges provides the most feasible solution to your thread inspection process at various (IS standards) tolerances on the shop floor. Thread gauges are developed as per International standards which we thoroughly understand and are associated with a network of experienced professionals.

Thread Plug (Ring) Gauge are used to check internal (external) thread size, angle and profile, of precision thread components.

Thread Plug gauges includes:

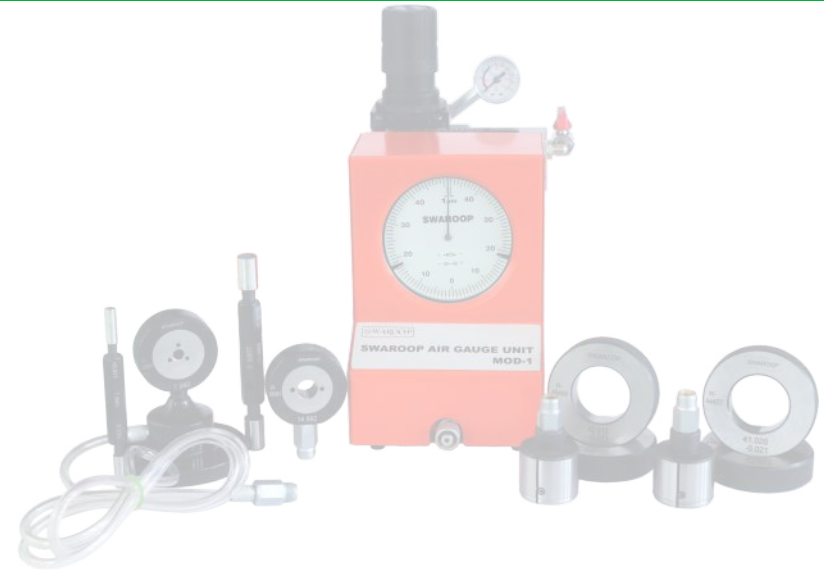
- Thread plug gauge is simple GO NOGO gauge, which is suitable for gauging requirements of internal threads

Thread ring gauge set includes:

- Thread plug gauge is simple GO NOGO gauge, which is suitable for gauging requirements of external threads

PORTFOLIO OF PRODUCTS

Our offerings are far more versatile than products, we provide services, support and values to our clients which are beyond competition's scope.





► SPC SQC LCD Digital read out (DRO) Unit



► Tri color Column with AECD for Single Parameter



► Tri-color DRO Unit with multi-gauging fixture





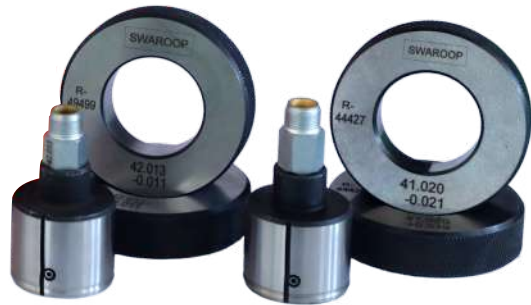
► Bellow type Analog based Air gauge Unit



► Dial type Analog based Air gauge Unit



► Tri-Color DRO Unit for multiple parameters



► Air Plug Gauges with setting rings



► Plain Ring Gauges



► Vertical Plate Mounted Air Ring Gauge



► Thread Ring Gauge



► Air Ring Gauge with V Block



► Horizontal Plate Mounted air ring gauge



► Air caliper with setting dics



► Bench mounted contact gauging system



► Special Air Plug gauge



► Air Plug gauge (carbide/steel)



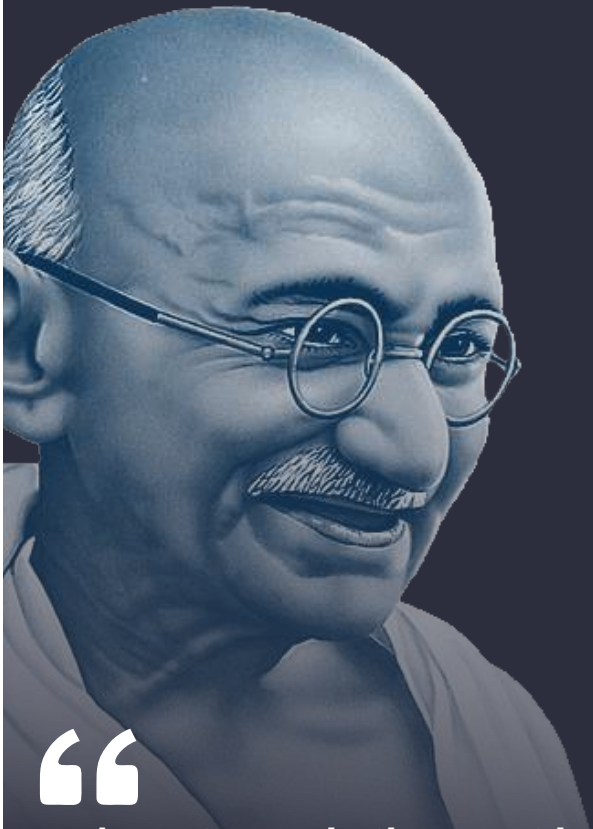
► Air gap gauge



► Insulated master ring gauge



- ▶ Digital fixture to check Fan stator Diameter/ Ovality by electronic probes.



“

A customer is the most important visitor on our premises, he is not dependent on us. We are dependent on him. He is not an interruption in our work. He is the purpose of it. He is not an outsider in our business. He is part of it. We are not doing him a favor by serving him. He is doing us a favor by giving us an opportunity to do so

”

- Mahatma Gandhi

Queries, Suggestions and visits are most welcomed

Visit us at:

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