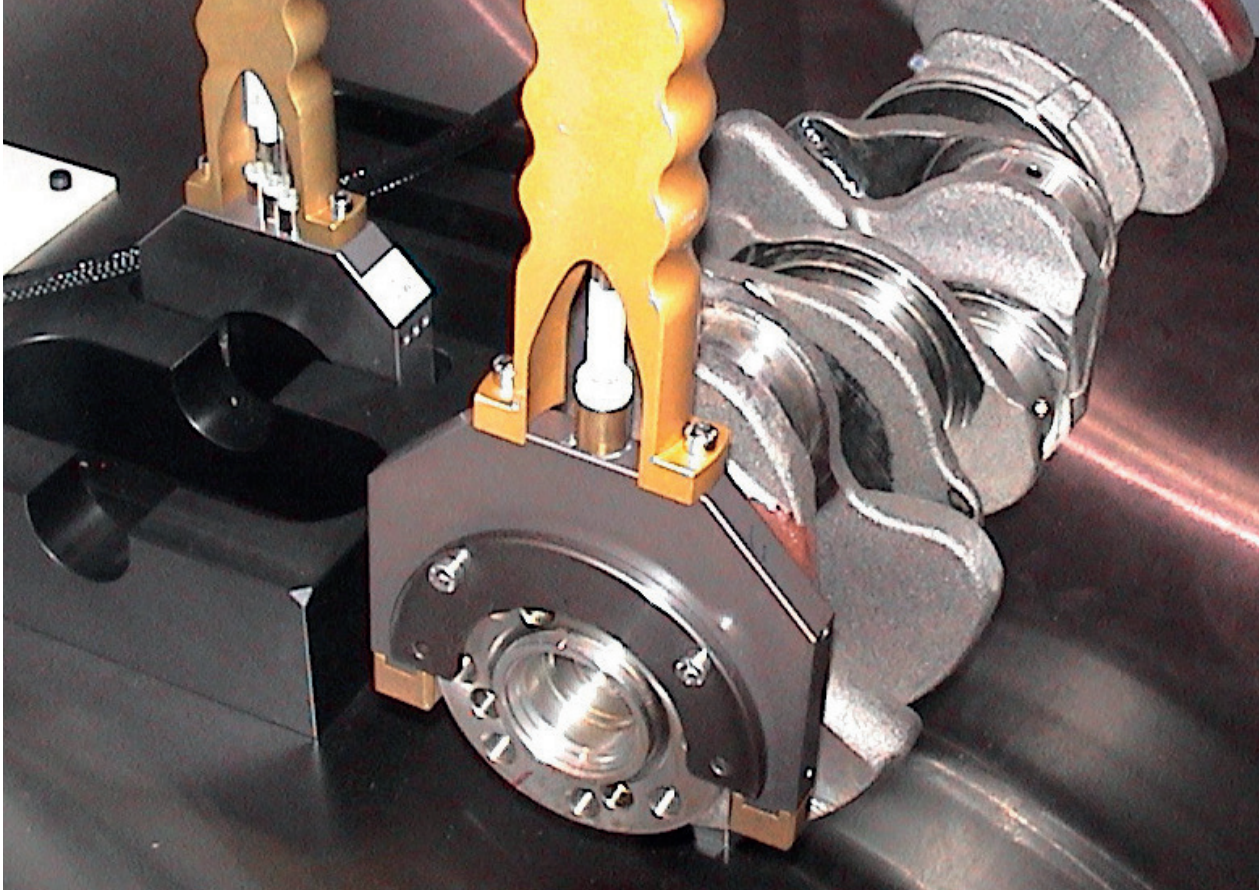


Gageline AG300

Air tooling for uninterrupted and interrupted shaft diameters



System features

- Easy and convenient operation
- Measurement in one, two or three planes for measuring of out-of-roundness, conicity and cylindricity
- Static or dynamic measurements
- High reliability and quality with a repeat accuracy below 0.25 μm
- Mounted or mobile operation
- Simple calibration using a master of known dimensions
- Adaptation of air jet length and position according to the requirements
- Use with displays (e. g. Pneumatic) or measuring computers (e. g. Vega)
- Standard or customized air tooling

Advantages of the pneumatic measuring principle

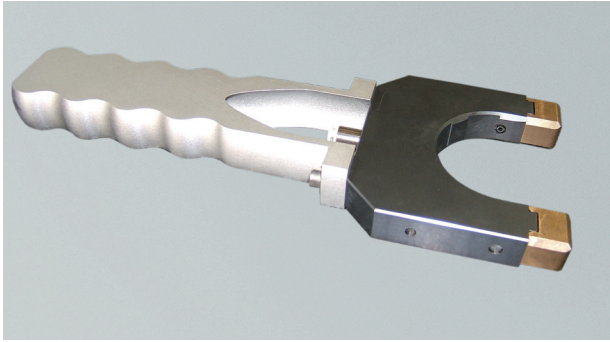
- Non-contact measurement
- High sensitivity and accuracy
- Extremely robust and dirt resistant, therefore suitable for measurement in harsh workshop conditions
- Self-cleaning of measured surfaces
- Short response times

Universal application

- Manual measurement in production lines
- Semi-automatic or automatic measuring stations
- Quality lab (subgroups or 100 % monitoring)
- Manual air tooling with handle or on base

Gageline AG300

Air tooling for shaft diameters



Standard air snap gauge with handle for mobile measurements



Standard air snap gauge AG300 on base

Measuring range (Standard air snap gauge with 2 jets #2)

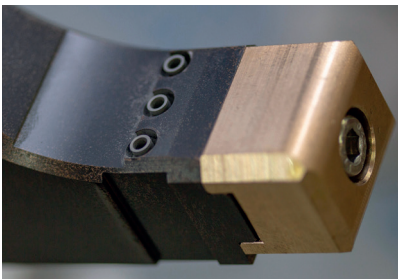
Air snap gauge	Diameter [mm]	Min. measuring range [mm]	Max. measuring range [mm]
Manual	$15 < \varnothing N \leq 105$	0.040 (± 0.020)	0.120 (± 0.060)
On base	$9 < \varnothing N \leq 45$	0.040 (± 0.020)	0.120 (± 0.060)

Precision and performance

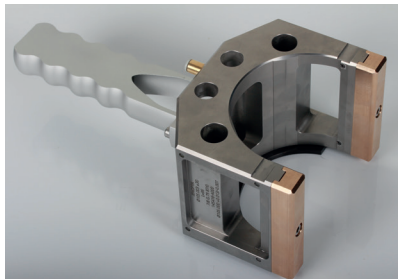
Measuring range [mm]	Precision	Accuracy GR&R type 2	Accuracy CMC
0.040 (± 0.020)	< 0.0005	< 10 %	4
0.080 (± 0.040)	< 0.0010	< 10 %	4
0.120 (± 0.060)	< 0.0015	< 10 %	4

Versatile application

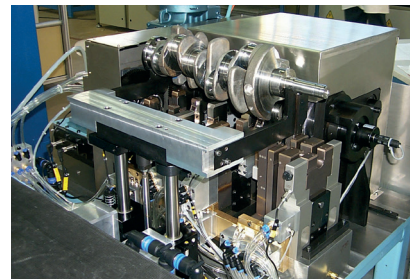
Air snap gauges are used for a wide range of applications, such as measuring main and crankpin bearings on crankshafts, camshaft journals or bearing seats on drive shafts. In addition to our range of standard air snap gauges, we also develop and manufacture part-specific air tooling.



Air snap gauge AG313 with two jets on three measuring planes



Special manual air snap gauge with handle for mobile use



Automated measuring station for crankshafts with 12 air snap gauges