

PGA-1000

BENCHTOP AIR GAGE



Sunnen's PGA-1000 Benchtop Air Gage: Air Gaging Made Easy

The PGA-1000 Air Gage is a fast, precise, and reliable measurement solution that boosts production efficiency and ensures superior quality control.

The addition of the PGA-1000 bench top air gage compliments the portfolio of the proven Sunnen PG and PGE mechanical gages.

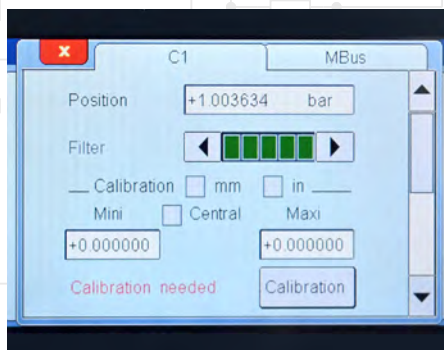
The PGA-1000 also includes a precision filter regulator unit, rugged housing, changeable orifices for accommodating different types of air probes, and a front mounted probe connection — all standard.

Options include a vertical probe stand, a hose adapter for large parts, I/O modules, and a foot pedal for ease of saving measurements. Adapters are available for use with a wide range of industry standard air probe connections. Sunnen can assist you with all your air gage probe and master ring requirements.



FEATURES & BENEFITS

- 109 mm (4.3 in.) color touch screen (glove friendly use)
- Single Channel system (dual channel available as an option)
- Easy to navigate intuitive screens for setup and measurement
- Metric/Inch selectable
- Shop floor compatible



- Display modes
 - Numerical values
 - Bar graph
 - Analog display with configurable out of tolerance indicators and warnings
- Plug and play fully integrated unit, including power suppliers and air filter regulator assemblies
- Simple and quick calibration of gage, requires dual master min/max rings
- Easy to follow setup menu
- Resolution up to 0.01µm
- Filtering functions for very high measurement stability
- Absolute or relative measurement
- Direct or dynamic measurement (Min, Max, Max-Min, Average, Median)
- USB communication “virtual keyboard”
- USB stick connection for data export (CSV file)
- Sorting by classes of size, up to 16 classes by characteristic, with useful colored indicator
- Possibility to connect a multi-function footswitch or table button (measurement transfer, calibration etc.)
- Operating temperature: +15°C to +30°C
- Power supply from 85 to 265 VAC by using the supplied main transformer
- Relative humidity: maximum 80%
- Includes air restrictor kits to allow use with a wide variety of different gage probe designs, number of nozzles, and size of nozzles
- The following options require additional modules, quoted upon request, and gage housing modifications to be made at the customer location or through special systems
 - Alarm with temperature variation
 - Modbus-RTU or ASCII Communication on RS232
 - Possibility to connect up to 4 optional I/O modules with 8 optocoupled I/O (= max 32 I/O)
 - Temperature compensation

THE SUNNEN SUPPORT TEAM

Your Sunnen Technical Specialist will work with you to determine the best solution for your needs — it’s all part of the added value you get with Sunnen. Plus, our worldwide sales and service team provides comprehensive support for the installation and operation of every system we make. Whatever your need, we have the expertise and product range to create the right solution for you and the dedication to support you for the long run.

To find the Sunnen representative nearest you, visit our website at www.sunnen.com



A LEGACY OF EXCELLENCE SINCE 1924

Sunnen Worldwide

With world headquarters in St. Louis, Missouri, Sunnen is the largest fully integrated company in the world specializing in precision bore creation, sizing, and finishing equipment. A Sunnen solution might include honing, lapping, skiving/roller burnishing, deep hole machining, or a combination of those processes.

Our 14 international affiliates and over 40 authorized distributors allow us to deliver top quality Sunnen machines, tools, service, and training wherever they are needed around the globe.

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