

Gageline GD200

Programmable display for dimensional measurements



Used with pneumatic and/or tactile gauges, the Gageline GD200 performs dimensional measurements with extremely high precision. With ten measuring programs and multi-level program passwords, the display unit is easy to operate, even by untrained users, as no adjustments are necessary.

Display

- 5" capacitive color touchscreen
- Bargraph or dial display
- Specially designed for harsh environments
- Up to 20 languages available

Mastering

- Single master: zero adjustment within part specification limits
- Set of masters: automatic adjustment of amplification coefficient

Connectivity

- Large selection of modules for communication with a wide range of interfaces (sensors, air gauges, PLC, computer, etc.)

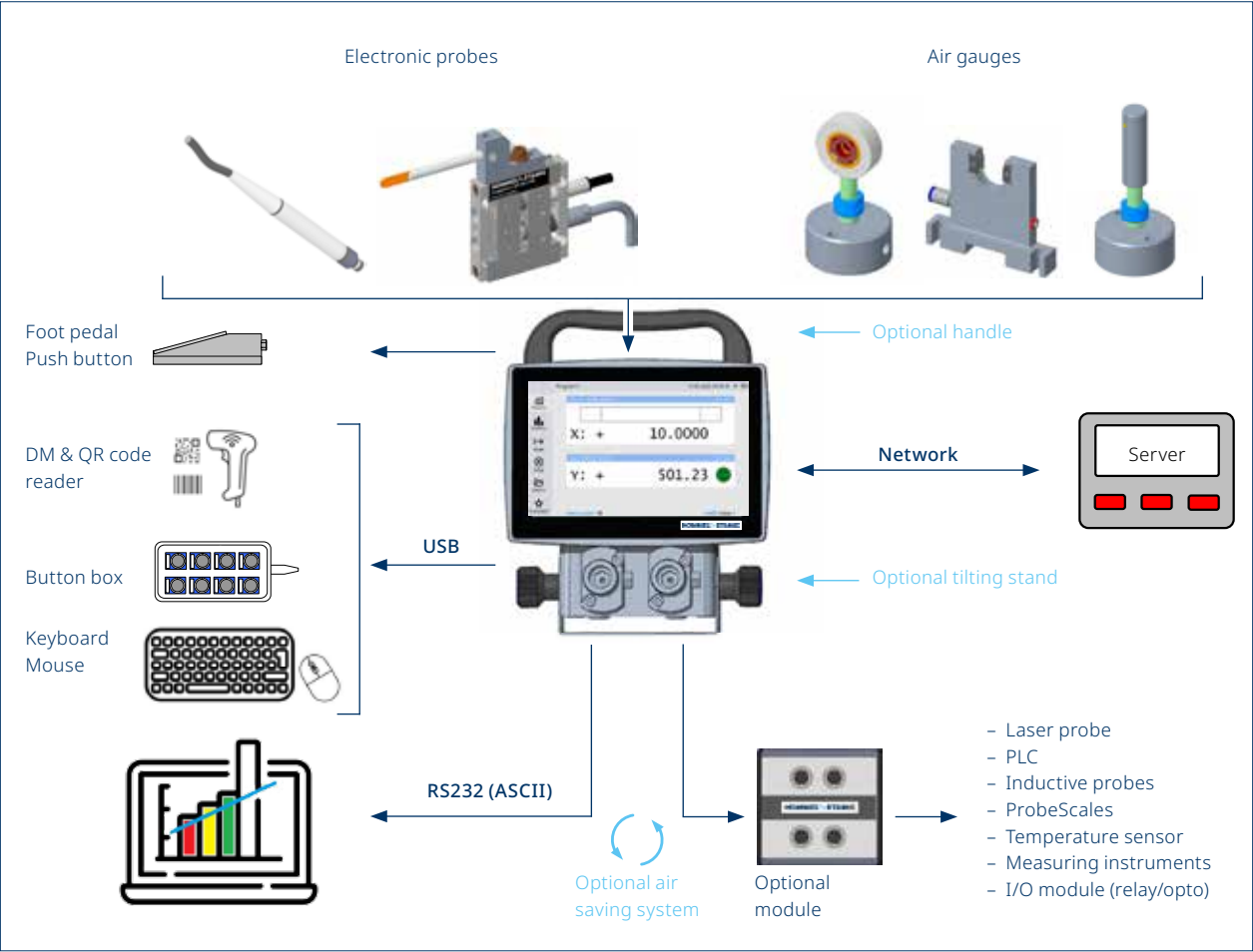
Measurement

- Quick and easy
- Direct reading
- Dynamic gauging with „hold“ feature: max, min, max-min, (max+min)/2, AVG
- Adjustable tolerance lines
- Compensation for surface finish
- 3 measurement lines displayed

Pneumatic transducer

- Insensitive to pressure fluctuations, even during the measuring cycle
- Additional range with linearization
- Easily interchangeable pneumatic formula, compatible with TPE100 transducer
- Auto detection of the pneumatic configuration
- Adjustable measuring filter

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Technical data

Measurement range (depending on measuring device)	±5 to ±120 µm
Accuracy	0.5 % of the measurement range
Protection	Front IP64
Air pressure (filtered air 5 µm)	0.2–0.4 MPa (2–4 bar)
Electric power supply	220/110 VAC (provided with international plug adapter)
Interfaces	USB, RS232
Measuring programs	10, plus easy loading of programs via QR code

Versions

Reference	Pneumatic circuit	Inductive sensors	Comments
E501525-002	0	2	Display with 2 inputs for inductive sensors
E501525-100	1	0	Display with 1 input for pneumatic measurements (air mandrel, ring, snap, air leak, 22 s (4-cylinder block) etc.)
E501525-102	1	2	Display with 1 input for pneumatic measurements and 2 inputs for inductive sensors
E501525-200	2	0	Display with 2 inputs for pneumatic measurements (air mandrel, ring, snap, taper, etc.)
E501525-202	2	2	Display with 2 inputs for pneumatic measurements and 2 inputs for inductive sensors