

# Diaphragm Meter Gallus 2000

## Features

- Over 15 millions installed worldwide
- Compact size
- Broad metrological performance: G 1.6 - G 2.5 - G 4
- High accuracy and long term reliability
- Not susceptible to contamination (glycol dust test)
- Low noise level
- Fire resistant construction
- EEC approval and more than 25 national approvals
- Version ready for remote reading
- Versions for budget metering



Gallus 2000 (steel body)

## Operating principle

The Gallus 2000 uses the positive displacement diaphragm principle. Its design consists of a twin-chamber diaphragm-measuring unit. The twin chambers are each fitted with a flexible and gastight diaphragm which move by the differential inlet and outlet pressure. A transmission system with a rotating mono-valve, and a valve system, transfer the reciprocating motion, driving the mechanical retrofittable index. The whole measuring system is contained in a robust gastight casing. The construction and the operation design of this meter make the Gallus 2000 an extremely reliable and accurate product.

## Use

The Gallus 2000 is made to measure accurately the volumes of natural gas (and LPG) used for domestic appliances. Please consult us for any other type of gas.

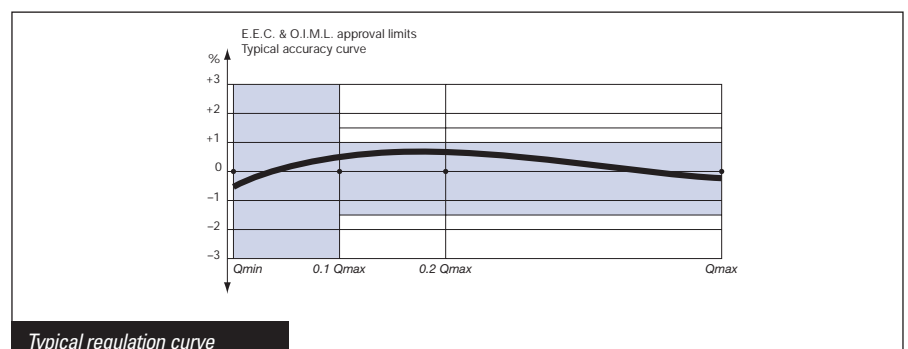


Gallus 2000 (Aluminium body)

## Metrology

The Gallus 2000 meter satisfies O.I.M.L. and EEC specifications, and are stamped by the legal metrological authority according to these metrological standards. During the preliminary test controls on the sonic nozzle test benches, all

meters are tested at  $Q_{min}$ ,  $0.2 Q_{max}$  and  $Q_{max}$ . Quality assurance procedures to the ISO 9001 standard, and quality controls at the various stages of the manufacturing process ensure a very high quality level.

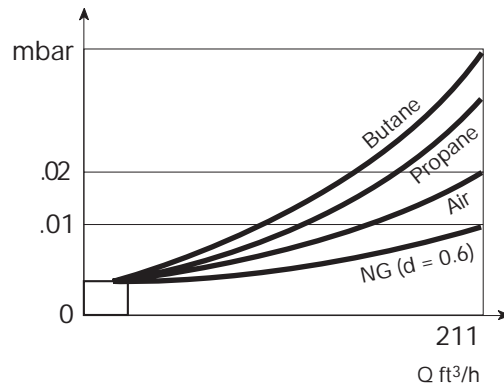




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## Optional features

- Utility logo and customised bar code by laser marking
- Index in cubic feet
- Connection with pressure test nipple
- Large range of inlet and outlet connections (ISO, DIN, BSP, ASA... etc.)
- Radio communication module
- Prepayment version



Size	Natural Gas d = 0.6	Air	Propane	Butane
G 1.6	0.4 mbar	0.55 mbar	0.7 mbar	0.85 mbar
G 2.5	0.6 mbar	0.8 mbar	1.3 mbar	1.6 mbar
G 4	1 mbar	1.5 mbar	2.5 mbar	3.2 mbar

## Accessories

- Retrofittable pulse transmitter
- Meterbars for two-pipe meters
- Valves, pipe connections, installation cabinets
- Domestic governors and safety cut-off valves
- MAPS radio frequency and telephone meter reading system  
(see specific leaflet)

## Information to be specified when ordering

- Measuring range (G 4, G 2.5, G 1.6)
- Case material and working pressure
- Connection spacing and size
- Specific markings (logo, bar code, others)



Gallus 2002 (Budget meter: see product sheet)



Gallus 400g (see product sheet)

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Schlumberger reserves the right to change these specifications without prior notice — EU - GA - 00055.1 - GB - 05.01

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For further information, please contact your local Schlumberger representative.

