

Atmos® WG2,5S

- Mechanical wide-range gas meter
- Flow rate from 0.016 m³/h to 6m³/h
- Certified MID T11329
- Suitable for various gas media



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ZENNER
All that counts.

Atmos®

Wide range gas meters



WG2.5S 0,016 m³/h to 6 m³/h

Gas Media:

- Natural Gas
- Town Gas
- Biogas
- Liquid Gas
- Methane Gas

Housin Material:

- Galvanized steel

The feature that makes this meter unique is its ability to operate correctly in a wide range of flow rates and enables precise measurement from Qmin 0,016 m³/h to Qmax 6 m³/h. This allows to replace the conventional G1,6 – G2,5 – G4 using only one meter: WG2,5S. The advantage is to measure the gas even at the flow rates where the other domestic meters can not do it.

These characteristics, combined with stable and constant performance over time, have been achieved thanks to the use of first choice materials and innovative patented solutions. The integrated calibration system coordinates the movement of the valves in relation to the optimum gas flow. The excellent linearity of the error curve is guaranteed even at low flow rates.

Thanks to the use of high-grade materials the diaphragm gas meter is particularly resistant to corrosion therefore suitable for various gas media.

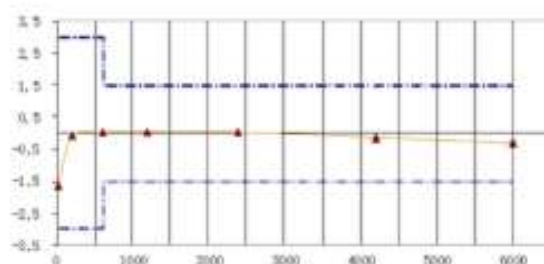
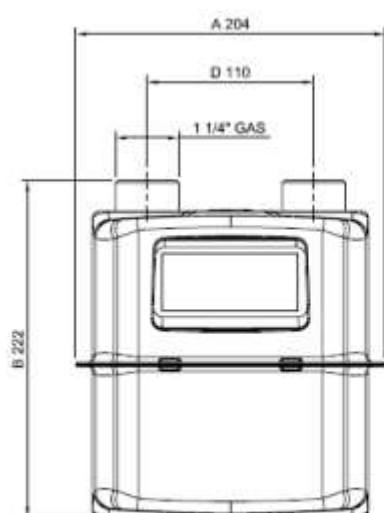
The Atmos® diaphragm gas meter meets the requirements of the MID, EN1359 and OIML R137 1&2 :2012.

- Wide measuring range for flows rates from 0.016 to 6 m³/h
- Minimum pressure drop <160 Pa Loss with a flow rate of 6 m³/h
- Integrated error curve correction system
- Measurement even at very low rates lower than 3l/h
- Temperature range: -25°C to +50°C
- Pressure rating: 0,5 bar with safety up to 0,75 bar
- Stability over time thanks to the use of high quality membranes
- Possibility of retrofitting a pulse-driver (reed contact)
- Cyclic capacity: 1,2 lt.
- Not-return valve



Technical data Atmos® WG2.5S

Metrological approval	MID class 1, 5 - certified NMi T11329 Gas meter at basic condition
Type	WG2.5S
Transition flow rate	Q m³/h 0,25
Maximum flow rate	Q _{max} m³/h 6
Minimum flow rate	Q _{min} m³/h 0,016
Maximum operating pressure	bar 0,5
Accuracy	$0,1Q_{\max} \leq Q \leq Q_{\max} \pm 1\%$ $Q_{\min} \leq Q \leq 0,1Q_{\max} \pm 3\%$
Max. pressure loss	Pa ≤ 200
Display range max.	m³/h 99999.9998
Display range min.	m³/h 0,0002
Cyclic volume	L 1,2
Weight	Kg 1,9



Dimension Atmos® WG2.5S

Type	Q _{max} [m³/h]	Q _{min} [m³/h]	V [dm³]	Connections		Dimensions [mm]					Weight [kg]
					Thread	A	B	C	D	E	
WG2,5S	6	0,016	1,2	ISO228-1 DN32	1 1/4 GAS	204	222	165	110	67	1,9

1,700
Gas analyzers in 4 categories: fixed for quality control, portable, mobile and laboratory

Locations in Europe

Germany: Saarbrücken, Mühlheim
 Bulgaria: Sofia
 France: Limoges
 Italy: Bologna, Pescara
 Bulgaria: Sofia
 Poland: Warsaw
 Romania: Bucharest
 Russia: St. Petersburg, Moscow, Tula
 Spain: Madrid
 Hungary: Budapest
 Belarus: Minsk

We export our products in

90
countries



20
Locations outside Europe with a production site in Europe, Asia and US

Location worldwide

Brazil: Nova Hamburgo
 Paraguay: Asunción
 Kazakhstan: Almaty
 China: Fuzhou, Pechino, Shanghai
 Vietnam: Hanoi
 India: Faridabad
 USA: Belling, CA, Addison, TX

Innovative measuring equipment for global markets for over

100
Years, Est. in 1963



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The data shown in the catalogs, illustrations and drawings are indicative and do not bind Zenner Gas S.r.l. It is also reserved the faculty to bring the models those changes that experience and technical advances suggest.

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