



OIML Certificate

OIML Member State
The Netherlands

Number R137/2012-A-NL1-25.02 revision 0
Project number 3805287
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Issuing authority NMI Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer ZENNER Metering Technology (Shanghai) Ltd.
No. 800 Songda Road
Qingpu District
Shanghai
P.R. China

Identification of the certified type **A Diaphragm gas meter**
Manufacturers mark: ZENNER
Type: Atmos lxxS-GI
Atmos lxxA-GI
Atmos HP lxxA-GI
"xx" is G1.6,G2.5,WG2.5,G4,G4L, G6M, WG6M

Characteristics See following page(s)

This OIML Certificate is issued under scheme A.

This Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML Type Evaluation Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R 137-1:2012 "Gas meters"

Accuracy class 1,5

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation identified above.
This Certificate does not bestow any form of legal international approval.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Type Evaluation Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
11 April 2025

Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMI Certin B.V. as Issuing Authority can be verified at www.oiml.org

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon at the top of the electronic version of this certificate.





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The conformity was established by the results of tests and examinations provided in the associated report(s):

- No. NMI-13200090-04 dated 17 November 2015 that includes 50 pages;
- No. NMI-2449796-02A dated 9 June 2020 that includes 11 pages;
- No. NMI-2430358-02 dated 2 December 2020 that includes 18 pages;
- No. NMI-3487936-01 dated 18 September 2023 that includes 18 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.

In Table 2 the characteristics of the family of instruments are presented.

The construction of the measuring instrument is recorded in the Documentation folder no. T12939-1.

Table 1 General characteristics

Maximum pressure	Atmos IxxS-GI Atmos IxxA-GI	0,5 bar
	Atmos HP IxxA-GI	1,5 bar
Environmental classes	M1 / E1	
Ambient temperature range	-25 – +55 °C; condensing humidity	
Gas temperature range	-25 – +55 °C	
Orientation	connection ports vertical	
Intended for the measurement of	Gas volume	

Table 2 General characteristics of the family of instruments

Meter size	G1.6	G2.5	G4	WG2.5	G4L	G6M	WG6M
Minimum flow rate $Q_{\min}$ (m ³ /h)	0,016	0,025	0,04	0,016	0,04	0,06	0,04
Transitional flow rate Q_t (m ³ /h)	0,25	0,4	0,6	0,2	0,6	1	0,6
Maximum flow rate $Q_{\max}$ (m ³ /h)	2,5	4	6	6	6	10	10
Overload flow rate Q_r (m ³ /h)	3	4,8	7,2	7,2	7,2	12	12
Cyclic volume (dm ³)	1,2				2,0		
Indicating range (m ³)	99999				99999		
Verification scale interval (m ³)	0,0002				0,0002		



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Production location

The measuring instrument is produced at one of the following production locations:

- Zenner Performance Meters Inc. 1910E. Westward Ave Banning, CA 92220 United States of America;
- ZENNER International GmbH & Co. KG, Heinrich-Barth-Straße 29 , 66115 Saarbrücken, Germany;
- Zenner do Brasil Instrumentos, de Medição Ltda., Rua Batrolomeu de Gusmao, 2444-
Novo Hamburgo-RS, Brazil;
- ZENNER International GmbH & Co. KG, Talstraße 2, 09619 Mulda, Germany.
- ZENNER-COMA JVC., Construction Machinery Company, 125D Minh Khai, Q Hai Ba Trung Hanoi,
Vietnam;
- ZENNER Aquamet India Pvt Ltd, 39-B HSIDC, Sec-31 Faridabad (Haryana)-121003, INDIA.

Certificate history:

Revision	Date	Description of the modification
0	11 April 2025	Initial issue