



**OIML Member State**  
The Netherlands

# OIML Certificate

Number R 137/2012-B-NL1-19.12  
Project number 2418315  
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Issuing authority

NMi Certin B.V.  
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Issuing Authority

**NMi Certin B.V., OIML Issuing Authority NL1**  
18 November 2019

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Identificaiton of the  
certified type

**Diaphragm gas meter**

Type: Atmos lxxS  
Atmos lxxS-WI LoRa  
Atmos lxxS-GI GPRS  
Atmos lxxS-GI NB-IoT  
Atmos HP lxxA  
Atmos HP lxxA-WI LoRa  
Atmos HP lxxA-GI GPRS  
Atmos HP lxxA-GI NB-IoT  
(xx is G1.6, G2.5, G4 or WG2.5)

Characteristics See page 3

This OIML Certificate is issued under scheme B

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.

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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-2179202-02 dated 3 June 2019 that includes 15 pages.

### Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented. Table 2 gives an overview of the general characteristics of the family of instruments.

**Table 1 General characteristics**

Destined for the measurement of	Gas volume
Environmental classes	M1 / E1
Accuracy class	1,5
Maximum pressure	Atmos lxxS: 0,5 bar Atmos HP lxxA: 1,5 bar
Ambient temperature range	-25 – +55 °C
Gas temperature range	-25 – +55 °C
Designed for	Condensing humidity
Orientation	Connection ports vertical

**Table 2 General characteristics of the family of instruments**

Meter size	G1,6	G2,5	G4	WG2,5
Minimum flow rate $Q_{min}$ (m <sup>3</sup> /h)	0,016	0,025	0,04	0,016
Transitional flow rate $Q_t$ (m <sup>3</sup> /h)	0,25	0,4	0,6	0,2
Maximum flow rate $Q_{max}$ (m <sup>3</sup> /h)	2,5	4	6	6
Overload flow rate $Q_r$ (m <sup>3</sup> /h)	3	4,8	7,2	7,2
Indicating range (m <sup>3</sup> )	99999	99999	99999	99999
Verification scale interval (m <sup>3</sup> )	0,0002	0,0002	0,0002	0,0002