



OIML Certificate

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Issuing authority

The Netherlands

NMi Certin B.V.

Person responsible: M. Boudewijns

Applicant

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P.R. China

Manufacturer

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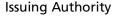
Talstraße 2 09619 Mulda Germany

ZENNER Aquamet India Pvt Ltd 39-B HSIDC, Sec-31 Faridabad

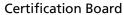
(Haryana)-121003

INDIA





NMi Certin B.V., OIML Issuing Authority NL1 18 June 2020



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OIML Certificate

OIML Member StateThe Netherlands



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Identification of the certified type

Diaphragm gas meter

Type: Atmos xxS

(xx is G1.6, G2.5, G4, G6M, WG2.5 or WG6M)

Atmos HP xxA

(xx is G1.6, G2.5, G4, G6M, WG2.5 or WG6M)

Characteristics

See page 3

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):

R137-1 (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.

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.













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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-2403564-02 dated 18 November 2019 that includes 13 pages;
- No. NMi-2449796-02A dated 9 June 2020 that includes 11 pages.

The nature of the previous test data of the above mentioned OIML Basic type evaluation reports satisfies the requirements of the OIML-CS-PD-07 paragraph 6.2, where a positive recommendation is given by the OIML Review Committee on the acceptability of using this data to issue this OIML Certificate R137/2012-A-NL1-20.09 under Scheme A.

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 xxS: 0,5 bar Atmos HP xxA: 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	G4	G6M	WG6M
Minimum flow rate Q _{min} (m³/h)	0,016	0,025	0,04	0,016	0,04	0,06	0,04
Transitional flow rate Qt (m³/h)	0,25	0,4	0,6	0,2	0,6	1	0,6
Maximum flow rate Q _{max} (m³/h)	2,5	4	6	6	6	10	10
Overload flow rate Q _r (m³/h)	3	4,8	7,2	7,2	7,2	12	12
Cyclic volune (dm³)	1,2				2,0		
Indicating range (m³)	99999				99999		
Verification scale interval (m³)	0,0002				0,0002		

