

**OIML Member State**  
The Netherlands

Number R137/2012-A-NL1-23.03 revision 0  
Project number 3466455  
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Issuing authority NMI Certin B.V.  
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer Zhejiang Chint Instrument & Meter Co., Ltd  
Wenzhou bridge  
Industrial Zone Yueqing  
CN 325603 Wenzhou Zhejiang  
P.R. China

Identification of the certified type **A Diaphragm gas meter**  
Type: ZT-G1.6A  
ZT-G2.5A

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.

Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**  
2 May 2023

Certification Board

NMI Certin B.V.  
Thijssseweg 11  
2629 JA Delft  
the Netherlands  
T +31 88 636 2332  
[certin@nmi.nl](mailto:certin@nmi.nl)  
[www.nmi.nl](http://www.nmi.nl)

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The notification of NMI Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org)

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

- No. NMI-3466455-01 dated 2 May 2023 that includes 44 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. T12326-1.

**Table 1 General characteristics**

Maximum pressure	0,5
Environmental classes	M1 / E2
Ambient temperature range	-25– +55 °C; condensing humidity
Gas temperature range	-25 – +55 °C
Intended for the measurement of	Gas volume

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

Meter size	ZT-G1.6A	ZT-G2.5A
Minimum flow rate $Q_{\min}$ (m <sup>3</sup> /h)	0,016	0,025
Transitional flow rate $Q_t$ (m <sup>3</sup> /h)	0,25	0,4
Maximum flow rate $Q_{\max}$ (m <sup>3</sup> /h)	2,5	4
Overload flow rate $Q_r$ (m <sup>3</sup> /h)	3	4,8
Minimum working pressure $p_{\min}$ (bar a)	Atmospheric	
Maximum working pressure $p_{\max}$ (bar a)	0,5	
Indicating range (m <sup>3</sup> )	99999,999	
Verification scale interval (m <sup>3</sup> )	0,002	
Nominal diameter [mm]	21	24
Orientation	Vertical	



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## Certificate history:

This revision replaces the previous version.

Revision	Date	Description of the modification
0	2 May 2023	Initial issue