



# OIML Certificate

## **OIML Member State**

The Netherlands



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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 Yueging** CN 325603 Wenzhou Zheijang

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** 

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

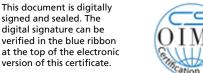
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The conformity was established by the results of tests and examinations provided in the associated report:

- 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 <sub>min</sub> (m³/h)	0,016	0,025
Transitional flow rate Q <sub>t</sub> (m³/h)	0,25	0,4
Maximum flow rate Q <sub>max</sub> (m <sup>3</sup> /h)	2,5	4
Overload flow rate Q <sub>r</sub> (m³/h)	3	4,8
Minimum working pressure p <sub>min</sub> (bar a)	Atmos	pheric
Maximum working pressure p <sub>max</sub> (bar a)	0,	,5
Indicating range (m³)	9999	9,999
Verification scale interval (m³)	0,002	
Nominal diameter [mm]	21	24
Orientation	Ver	tical









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**Certificate history:** This revision replaces the previous version.



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









