



OIML Certificate

OIML Member State
The Netherlands

Number R137/2012-A-NL1-24.05 revision 0
Project number 3794783
Page 1 of 2

Issuing authority NMI Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer Zhejiang Chint Instrument & Meter Co., Ltd
No.1 Liangce Road
Yueqing City
Whenzhou, Zhejiang Province
P.R. China

Identification of the certified type **A Diaphragm gas meter**
Manufacturers mark: Zhejiang Chint Instrument & Meter Co Ltd
Type: ZT-GxS, ZT-GxA, GxS

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**
1 July 2024

Certification Board

NMI Certin B.V.
Thijssseweg 11
2629 JA Delft
the Netherlands
T +31 88 636 2332
certin@nmi.nl
www.nmi.nl

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.





OIML Member State
The Netherlands

OIML Certificate

Number R137/2012-A-NL1-24.05 revision 0
Project number 3794783
Page 2 of 2

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

- No. NMI-1901571-02 dated 12 October 2018 that includes 46 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. T10052-8.

Table 1 General characteristics

Minimum – maximum flow rate	xxx – xxx L/min; uni-directional
Maximum pressure	0,5 bar
Environmental classes	M1 / Ey2
Ambient temperature range	ZT-GxS and ZT-GxA: -10 – +40 °C GxS and GxA: -25 – +55 °C
Gas temperature range	ZT-GxS and ZT-GxA: -10 – +40 °C GxS and GxA: -25 – +55 °C
Orientation	Connection ports vertical
Designed for	Condensing humidity
Intended for the measurement of	Gas volume

Table 2 General characteristics of the family of instruments

Meter size	G1.6	G2.5	G4
Minimum flow rate Q_{\min} (m ³ /h)	0,016	0,016	0,016
Transitional flow rate Q_t (m ³ /h)	0,25	0,4	0,6
Maximum flow rate Q_{\max} (m ³ /h)	2,5	4	6
Overload flow rate Q_r (m ³ /h)	3	4,8	7,2
Indicating range (m ³)	99999,999		
Verification scale interval (m ³)	0,0002		