

CHINT

## Gas Meter



## G1.6 Small Diaphragm Gas Meter (Aluminum)



### Function

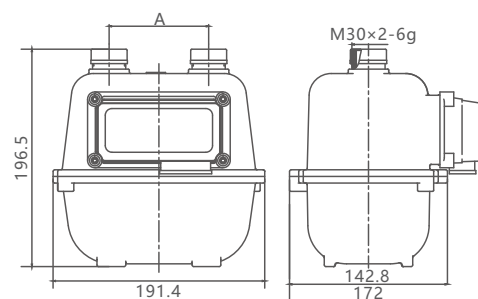
- Small cyclic volume
- Strong anti-corrosion capability
- Separate mechanism

### Features

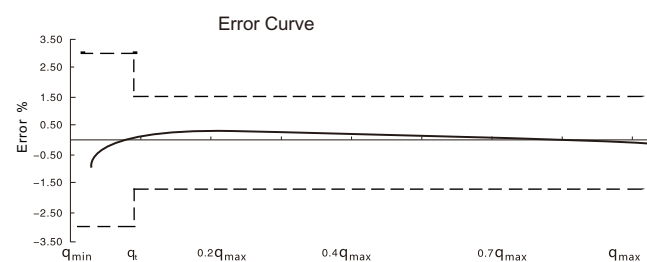


### Appearance and installation size

A	90	110	130
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Units: mm



## G1.6 Small Diaphragm Gas Meter (Aluminum)

### Main technical parameters

Main Index	Specification & Type	Specification & Type
Main index	Specification & type	G1.6
Nominal flow-rate (Qn)	m <sup>3</sup> /h	1.6
Max. flow-rate (q <sub>max</sub> )	m <sup>3</sup> /h	2.5
Min. flow-rate (q <sub>min</sub> )	m <sup>3</sup> /h	0.016
Operating pressure range	kPa	0.5~50
Max. permissible error	q <sub>t</sub> ≤ q ≤ q <sub>max</sub>	±1.5%
	q <sub>min</sub> ≤ q < q <sub>t</sub>	±3%
Total pressure loss	Pa	≤200
Max. reading	m <sup>3</sup>	99999.9998
Min. reading	m <sup>3</sup>	0.0002
Cyclic volume	dm <sup>3</sup>	0.8
Accuracy class		1.5 Class

# Advanced Equipment

The company has a complete and in accordance with the EU EN1359: / A1: 2006 standard requirements of the gas meter professional laboratories and related advanced production testing equipment, product development, design, process improvement, production experiments and verification to ensure access to the market Gas meter is safe, stable and reliable.



SMT production line



Automatic fastening device



Ultrasonic welding for measuring group



Three-dimensional surveying instrument



Riveting device



Side cover gumming



Error detection on measuring group



Automatic assembly line for steel case gas meter



High and low temperature test chamber



Multi-function detector for control valve



Error detection on complete machine




Automatic leakage test on measuring group



Assembly workshop for steel case gas meter

# Qualification & Certificate



## EC-type examination certificate

Nederlands Meetinstituut

Number **T10052** Revision 0  
Project number: 605210  
Page 1 of 1

Issued by: **NMI Certin B.V.**  
Hugo de Grootplein 1  
8314 EG Dordrecht  
The Netherlands

Notified Body number 0122

In accordance with: The "Metrologiewet" (Sib. 2006, 137) as Dutch implementation of Directive 2004/22/EC on measuring Instruments (MID).

Manufacturer: **Zhejiang Chint Instrument and Meter Co., Ltd**  
Wenhou Bridge  
Industrial Zone Yuesang  
CN 325603 Wenzhou Zhejiang  
P.R. China

In respect of: **A diaphragm gas meter**

Manufacturer: CHINT or I.ME.CO  
Type: ZT-(G)valve/S

Characteristics: Designed for the measurement of gas volume  
Accuracy class: Class 1.5  
Temperature range: -10°C to +40°C  
Electrical environment class: M2  
Electromagnetic environment class: E1

G-value	Q <sub>min</sub> (m <sup>3</sup> /h)	Q <sub>max</sub> (m <sup>3</sup> /h)	Q <sub>1</sub> (m <sup>3</sup> /h)	Q <sub>2</sub> (m <sup>3</sup> /h)	V (dm <sup>3</sup> )
4	8	0.080	0.80	1.2	1.2
8	8	0.025	0.80	1.2	1.2
8	8	0.018	0.80	1.2	1.2
2.5	4	0.025	0.80	1.2	1.2
2.5	8	0.018	0.80	1.2	1.2
1.6	2.5	0.018	0.25	1.2	1.2

In the description number T10052 Revision 0 further characteristics are described.

Valid until: 13 November 2017

Description and documentation: The gasmeter is described in the description number T10052 Revision 0 and documented in the documentation folder T10052-1, pertaining to this EC-type examination certificate.

Dordrecht, 13 November 2007  
NMI Certin B.V.

Ing. C. Oosterman  
Head Certification

**NMI Certin B.V.**  
Hugo de Grootplein 1  
8314 EG Dordrecht  
The Netherlands  
T +31 78 602292  
info@nmi.nl

This document is issued under the provision of the Metrologiewet (Sib. 2006, 137) as Dutch implementation of Directive 2004/22/EC on measuring Instruments (MID).

**CHINT INSPECTION**  
RVA 1.122



## Certificate of conformity

Nederlands Meetinstituut

Certificate number: CoC-605210-01

Issued by: **NMI Certin B.V.**  
Hugo de Grootplein 1  
8314 EG Dordrecht  
The Netherlands

In accordance with: EN 1359:1998/A1:2006 "Gas meters - Diaphragm meters" Annex ZA

On request of: **Zhejiang Chint Instrument and Meter Co., Ltd**  
Wenhou Bridge  
Industrial Zone Yuesang  
CN 325603 Wenzhou Zhejiang  
P.R. China

Submitted: **A Diaphragm gas meter**

Manufacturer: CHINT or I.ME.CO  
Type: ZT-(G)valve/S

Characteristics: Designed for the measurement of gas volume  
Accuracy class: Class 1.5  
Mechanical environment class: M1  
Electromagnetic environment class: E1  
Temperature range: -10°C to +40°C

The undersigned declares that the described products are tested according to the above mentioned product standards and meet the essential requirements, based on a non-recurrent examination. The appearing test data is presented in test report no. CVN-605210-01, granted by NMI Certin B.V.

Dordrecht, 13 November 2007  
NMI Certin B.V.

Ing. C. Oosterman  
Head Product Certification

**Nederlands Meetinstituut**  
Hugo de Grootplein 1  
8314 EG Dordrecht (NL)  
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**CHINT INSPECTION**  
RVA 1.122



## EU quality system Approval

**Certificate: CE-144** (replaces certificate of 24 October 2013)

NMI Certin B.V., designated and notified by the Netherlands to perform tasks with respect to conformity modules mentioned in Article 17 of Directive 2014/52/EU, declares that the quality system of

**Zhejiang Chint Instrument & Meter Co., Ltd**  
Wenhou Bridge  
Industrial Zone Yuesang  
CN 325603 Wenzhou Zhejiang  
P.R. China

meets the applicable requirements of Annex I, Module D of Directive 2014/52/EU for the conformity assessment of instrument category:

**Diaphragm Gas meters**  
Scope of the certificate is described in the annex of CE-144.

The certificate is initially granted on 17 December 2010.

This certificate remains valid until **17 December 2019**, under the condition that the quality system is maintained satisfactory.

NMI Certin B.V., Notified Body number 0122  
21 December 2019

C. Oosterman  
Head Certification Board

**NMI Certin B.V.**  
Hugo de Grootplein 1  
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The Netherlands  
T +31 78 602292  
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**CHINT INSPECTION**  
RVA 1.122



## Test Report

Report No: R31/1905-NL-1-06-01  
Project number: 605210  
Page 1 of 16



### Diaphragm gas meters

#### Pattern evaluation report of a diaphragm gas meter

Conformité de gaz à corps déformables  
Rapport d'évaluation de modèle d'un compteur de gaz

Project number: 605210  
Test report No: R31/1905-NL-1-06-01

Issued by: **NMI Certin B.V.**  
Hugo de Grootplein 1  
3314 EG Dordrecht  
The Netherlands

Test address: **NMI Certin B.V.**  
Hugo de Grootplein 1  
3314 EG Dordrecht  
The Netherlands

Test specifications: **OIML R31 (Edition 1995)**

Applicant: **Zhejiang Chint Instrument & Meter Co., Ltd**  
Wenhou Bridge  
Industrial Zone Yuesang  
CN 325603 Wenzhou Zhejiang  
P.R. China

Manufacturer: **Zhejiang Chint Instrument & Meter Co., Ltd**  
Application period: June up to and including October 2006

Traceability: The measurements have been executed using standards for which the traceability to primary standards, international standards and/or properties of pure substances has been demonstrated.

Uncertainty: The total uncertainty is based on two times the standard deviation (k=2). The total uncertainty in the determination of the volume flow rate is 0.4% for flow rates greater than 400 dm<sup>3</sup>/h and 0.8% for flow rates smaller than or equal to 400 dm<sup>3</sup>/h.

Signature: 13 November 2006  
Ing. H.S. Schouten  
Senior Approval Engineer

A. Tjap  
Approval Engineer

**OIML R31**  
Edition 1995(E)

**NMI Certin B.V.**  
Hugo de Grootplein 1  
8314 EG Dordrecht (NL)  
The Netherlands  
T +31 78 602292  
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**CHINT INSPECTION**  
RVA 1.122

**IZIN TIPE ALAT - ALAT UKUR, TAKAR, TIMBANG, DAN PERLENGKAPANNYA (UTTP)**

**NOMOR : 284/PKTN.4.3.2/TI/08/2019**

Direktur Metrologi berdasarkan:

1. Peraturan Menteri Perdagangan Nomor 74/M-DAG/PER/12/2012 tentang Alat - Alat Ukur, Takar, Timbang, dan Perlengkapannya Asal Impor sebagaimana telah diubah dengan Peraturan Menteri Perdagangan Nomor 23 Tahun 2018 tentang Perubahan Atas Peraturan Menteri Perdagangan Nomor 74/M-DAG/PER/12/2012 tentang Alat - Alat Ukur, Takar, Timbang, dan Perlengkapannya Asal Impor;
2. Permohonan Izin Tipe UTTP :
  - Nomor : 002/ASN-GM/VII/2019
  - Tanggal : 22 Juli 2019
  - Perusahaan : PT. Agung Sentosa Nusantara
  - Alamat : Ruko Garden Shopping Arcade, Block B No. 8BD Podomoro City, Jl. Letjend S. Parman, Jakarta Barat
3. Surat Keterangan Hasil Pengujian UTTP dari Balai Pengujian UTTP Nomor: 30/PKTN.4.8/KHP/KN/02/2019 Tanggal 13 Februari 2019 menerbitkan Izin Tipe atas UTTP dengan identitas dan karakteristik sebagai berikut :
  - a. Identitas
    - Jenis : Meter Gas Diagfragma
    - Merek : CHiNT
    - Tipe : G1.6
    - Pos Tarif/HS : 9028.10.90
    - Pabrikan : Zhejiang Chint Instrument & Meter Co. Ltd
    - Buatan : China
  - b. Karakteristik
    - Deskripsi Teknis Tipe UTTP dan variannya (jika ada) :
      - Q maks : 2,5 m<sup>3</sup>/h
      - Q min : 0,016 m<sup>3</sup>/h
    - Penggolongan UTTP Metrologi Legal
      - Wajib Tera & Tera Ulang
    - Aplikasi UTTP yang disetujui : -
    - Ketentuan penggunaan UTTP :
      - Label Tipe harus dilekatkan pada UTTP yang bersangkutan sebelum diterakan.
      - Semua penunjukan harus dalam satuan system internasional (SI).
      - Setelah dilakukan peneraan fingsi kalibrasi harus dimatikan.
    - Keterangan lainnya : -

Bandung, 16 Agustus 2019

Direktur Metrologi,



Rusmin Amin

Tembusan:

1. Dirjen PKTN Kementerian Perdagangan;
2. Irjen Kementerian Perdagangan.

**SURAT KETERANGAN REKAPITULASI IZIN TIPE  
ALAT UKUR, TAKAR, TIMBANG DAN PERLENGKAPANNYA (UTTP)  
ASAL IMPOR**

Nomor : 134/PKTN.4.3.1/SKR/03/2021  
Berlaku sampai dengan tanggal : 17 Maret 2022

Sehubungan dengan surat permohonan nomor 002/ASN-GM/III/2021 tanggal 17 Maret 2021 hal Permohonan Izin Tipe UTTP serta berdasarkan Peraturan Menteri Perdagangan Nomor 23 tahun 2018 tentang Perubahan atas Peraturan Menteri Perdagangan Nomor 74/M-DAG/PER/12/2012 tentang Alat-alat Ukur, Timbang dan Perlengkapannya Asal Impor, dengan ini diberikan Surat Keterangan Rekapitulasi Izin Tipe UTTP Asal Impor, sebagai dokumen pelengkap kepabeanaan kepada :

Nama Perusahaan : PT. AGUNG SENTOSA NUSANTARA  
Alamat Perusahaan : Jalan Kebon Bawang VI nomor 39 B  
Nomor Pokok Wajib Pajak (NPWP) : 03.220.969.4-048.000  
Nomor Induk Berusaha (NIB) : 9120208112655

No	Nomor Izin Tipe UTTP	Merek	Tipe	Pos Tarif / HS
1	831PKTN.4.3.2/TI/08/2016	Rayhem RPG	G 1.6	9028.10.90
2	551/PKTN.4.3.2/TI/05/2017	Hangzhou Laison Technology	G 1.6	9028.10.90
3	248/PKTN.4.3.2/TI/08/2019	CHiNT	G 1.6	9028.10.90

Dengan ketentuan sebagai berikut :

1. Melampirkan fotokopi Izin Tipe UTTP dimaksud;
2. Mencantumkan Label Tipe untuk UTTP yang akan diperdagangkan di wilayah Negara Republik Indonesia
3. Melaporkan realisasi impor UTTP kepada Direktur Impor, Kementerian Perdagangan dengan tembusan Direktur Metrologi setiap semester; dan
4. Surat Keterangan Rekapitulasi Izin Tipe (SKRIT) UTTP Asal Impor ini merupakan revisi dari SKRIT Nomor 325/PKTN.4.3.2/SKR/12/2019 tanggal 06-12-2019 yang dicabut dan dinyatakan tidak berlaku.



Bandung, 17 Maret 2021

TTD

Rusmin Amin

Tembusan :

- 1 . Dirjen PKTN Kementerian Perdagangan;
- 2 . Irjen Kementerian Perdagangan.

## DIREKTORAT METROLOGI

IZIN NO. : 284/PKTN.4.3.2/TI/08/2019

MERK, TYPE : CHINT, G1.6

KAPASITAS : 2,5 m<sup>3</sup> / h

PADA SURAT IZIN : ADA KETERANGAN

WAJIB DITERA DAN DITERA ULANG

Jangan Dilepas



# SURAT TANDA PENDAFTARAN SEBAGAI DISTRIBUTOR BARANG PRODUKSI LUAR NEGERI

**NOMOR** : 4818/STP-LN/SIPT/12/2019

**BERLAKU SAMPAI DENGAN** : 31 Agustus 2022

DIBERIKAN KEPADA :

1. NAMA PERUSAHAAN : **PT. AGUNG SENTOSA NUSANTARA**
2. NIB : **9120208112655**
3. ALAMAT : Jalan Kebon Bawang VI Nomor 39 B, Kel. Kebon Bawang, Kec. Tanjung Priok, Kota Jakarta Utara, Prop. DKI Jakarta
4. NO. TELP / FAX : 021-22653338 / 02122653605
5. NAMA PENANGGUNG JAWAB : **JOESUF SENTOSA SOPIAN**  
JABATAN : DIREKTUR
6. NAMA PRODUSEN : **ZHEJIANG CHINT INSTRUMENT AND METER CO., LTD.**  
ALAMAT : WENZHOU, BRIDGE INDUSTRIAL ZONE, NORTH BAIXIANG, YUEQING,, ZHEJIANG 325603, P.R. OF CHINA.
7. NAMA PEMASOK (SUPPLIER) : **KRITI TRADEIMPEX (P) LTD.**  
ALAMAT : 4TH FLOOR, RECTANGLE 1, D4, COMMERCIAL COMPLEX, SAKET, NEW DELHI - 110017 INDIA.
8. JENIS BARANG : ALUMINUM BODY MECHANICAL GAS METERS
9. MERK : CHINT
10. NO. HS : 9028.10.00., 9028.90.00
11. WILAYAH PEMASARAN : INDONESIA

Diterbitkan di : **J A K A R T A**  
pada tanggal : **19 Desember 2019**

a.n. MENTERI PERDAGANGAN  
Direktur Bina Usaha dan Pelaku Distribusi



**TTD**

I GUSTI KETUT ASTAWA