

OIML Member State
The Netherlands

Number R137/2012-A-NL1-21.04
Project number 2229759
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Issuing authority NMI Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer Shenzhen Kaifa Technology (Chengdu) Co., Ltd
No. 1218 Hezuo Rd.
Hi-Tech Development Zone (West)
Chengdu
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Identification of the certified type **A Diaphragm Gas Meter**
Type: MA603

Characteristics See page 2 and further

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.

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
27 May 2021

Certification Board

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

- No. NMI-2229759-01 dated 27 May 2021 that includes 44 pages.

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
Volume display	Volume at metering conditions or Volume at base conditions
Environmental classes	M1 / E2
Accuracy class	1,5
Maximum pressure	0,5 bar
Ambient temperature range	-25 – +55 °C
Gas temperature range	-25 – +55 °C
Designed for	Condensing humidity
Orientation	Connection ports vertical
Power supply voltage	3,6 V DC battery
Software identification	Version number: LV-0002 Checksum: 682b3936

Table 2 General characteristics of the family of instruments

Meter size	G1.6	G2.5	G4	WG2.5
Minimum flow rate Q_{min} (m ³ /h)	0,016	0,025	0,04	0,016
Transitional flow rate Q_t (m ³ /h)	0,25	0,4	0,6	0,25
Maximum flow rate Q_{max} (m ³ /h)	2,5	4	6	6
Overload flow rate Q_r (m ³ /h)	3	4,8	7,2	7,2
Indicating range (m ³)	999999,999			
Verification scale interval (m ³)	0,00015			