

**OIML Member State**  
The Netherlands

Number R137/2012-A-NL1-20.12  
Project number 2437830  
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Issuing authority

NMi Certin B.V.  
Person responsible: M. Boudewijns

Applicant and  
Manufacturer

Goldcard Smart Group Co., Ltd.  
No 158, Jinqiao Street, Economic and Technology Development Zone  
Hangzhou City  
P.R. China

Identification of the  
certified type

A **diaphragm gas meter**  
Type: JGD1.6S-M, JGD2.5S-M, JGD4S-M

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.

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Issuing Authority

**NMi Certin B.V., OIML Issuing Authority NL1**  
13 July 2020

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-13200090-04 dated 17 November 2015 that includes 50 pages;
- No. NMI-2437830-01 dated 19 June 2020 that includes 41 pages.

This certificate and supporting reports have been presented to the OIML Review Committee following the requirements from OIML-CS-PD-07 clause 6.2, where a positive recommendation is given by the OIML Review Committee.

### 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
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
Software identification	Version number: 01902506

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

Meter size	1,6	2,5	2,5	4	4	4
Minimum flow rate $Q_{\min}$ (m <sup>3</sup> /h)	0,016	0,016	0,025	0,016	0,025	0,04
Transitional flow rate $Q_t$ (m <sup>3</sup> /h)	0,25	0,25	0,4	0,25	0,4	0,6
Maximum flow rate $Q_{\max}$ (m <sup>3</sup> /h)	2,5	4	4	6	6	6
Overload flow rate $Q_r$ (m <sup>3</sup> /h)	3	4,8	4,8	7,2	7,2	7,2
Indicating range (m <sup>3</sup> )	9999999,9999					
Verification scale interval (m <sup>3</sup> )	0,0001					