OIML Certificate

OIML Member State
The Netherlands

Number R137/2012-A-NL1-20.13
Project number 2494544

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: JK/G1.6 and JK/G2.5
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.

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**
19 August 2020

Certification Board

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

- No. NMi-13200784-01 dated 12 March 2015 that includes 35 pages;
- No. NMi-16200632-01 dated 29 September 2016 that includes 15 pages;
- No. NMi-2414972-01 dated 12 February 2020 that includes 20 pages;
- No. NMi-2494544-01 dated 23 July 2020 that includes 14 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
Environmental classes	M1 / E1
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
Flow direction	Left to right or right to left
Distance between the connections	110 to 130 mm

Table 2 General characteristics of the family of instruments

Meter size	**G1.6**	**G2.5**
Minimum flow rate Q_{min} (m^3/h)	0,016	0,025
Transitional flow rate Q_t (m^3/h)	0,25	0,4
Maximum flow rate Q_{max} (m^3/h)	2,5	4
Overload flow rate Q_r (m^3/h)	3	4,8
Cyclic volume (dm^3)	0,9	
Indicating range (m^3)	99999,999	
Verification scale interval (m^3)	0,0002	