



OIML Member StateThe Netherlands



OIML Certificate

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Issuing authority

NMi Certin B.V.

Person responsible: M.ph.D Schimdt



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, JK/G2.5, JK/G2.5W

JGML1.6F, JGML2.5F, JGML2.5WF JGD1.6-SF, JGD2.5-SF, JGD2.5W-SF JGD1.6-NF, JGD2.5-NF, JGD2.5W-NF JGD1.6-NB, JGD2.5-NB, JGD2.5W-NB JGD1.6-LR, JGD2.5-LR, JGD2.5W-LR

Characteristics

See page 2 and further

This OIML Certificate is issued under scheme A

1,5

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

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

23 March 2022

Certification Board

NMi Certin B.V. Thijsseweg 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

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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;
- No. NMi-2465520-01 dated 2 March 2021 that includes 15 pages;
- No. NMi-3466664-01 dated 23 March 2022 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











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Table 2 Essential characteristics of the family of instruments

Type Cyclic Q_{t} Verification scale interval Q_{max} Q_{min} control number of drums volume element before the behind the [m³/h][m³/h][dm³] [m³/h] $[m^3]$ comma comma JK/G2.5W 0,9 0,4 0,016 5 0,0002 5 3 JK/G2.5 0,9 4 0,4 0,025 0,0002 JK/G1.6 0,25 5 0,0002 0,9 2,5 0,016 3 JGML2.5WF 0,9 4 0,4 0,016 5 3 0,0002 5 0,0002 JGML2.5F 0,9 4 0,4 0,025 3 5 3 JGML1.6F 0,9 2,5 0,25 0,016 0,0002 5 JGD2.5W-SF 0,9 4 0,4 0,016 3 0,0002 JGD2.5W-NF 0,9 4 0,4 0,016 5 3 0,0002 5 JGD2.5W-NB 0,9 4 0,4 0,016 3 0,0002 JGD2.5W-LR 0,9 4 0,4 0,016 5 3 0,0002 5 JGD2.5-SF 0,9 4 0,4 0,025 3 0,0002 JGD2.5-NF 0,9 4 0,4 0,025 5 3 0,0002

Certificate history:

JGD2.5-NB

JGD2.5-LR

JGD1.6-SF

JGD1.6-NF

JGD1.6-NB

This revision replaces the previous version.

0,9

0,9

0,9

0,9

0,9

4

4

2,5

2,5

2,5

0,4

0,4

0,25

0,25

0,25

Revision	Date	Description of the modification
Initial	23 July 2020	- (-
1	4 March 2021	Addition of meter types with ancillary electronic index.
2	23 March 2022	Index design change

0,025

0,025

0,016

0,016

0,016

5

5

5

5

5

3

3

3

3

3

0,0002

0,0002

0,0002

0,0002

0,0002