

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

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.

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NMi Certin B.V., OIML Issuing Authority NL1
23 March 2022

Certification Board

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

Table 2 Essential characteristics of the family of instruments

Type	Cyclic volume [dm ³]	Q _{max} [m ³ /h]	Q _t [m ³ /h]	Q _{min} [m ³ /h]	Verification scale interval		
					number of drums		control element [m ³]
					before the comma	behind the comma	
JK/G2.5W	0,9	4	0,4	0,016	5	3	0,0002
JK/G2.5	0,9	4	0,4	0,025	5	3	0,0002
JK/G1.6	0,9	2,5	0,25	0,016	5	3	0,0002
JGML2.5WF	0,9	4	0,4	0,016	5	3	0,0002
JGML2.5F	0,9	4	0,4	0,025	5	3	0,0002
JGML1.6F	0,9	2,5	0,25	0,016	5	3	0,0002
JGD2.5W-SF	0,9	4	0,4	0,016	5	3	0,0002
JGD2.5W-NF	0,9	4	0,4	0,016	5	3	0,0002
JGD2.5W-NB	0,9	4	0,4	0,016	5	3	0,0002
JGD2.5W-LR	0,9	4	0,4	0,016	5	3	0,0002
JGD2.5-SF	0,9	4	0,4	0,025	5	3	0,0002
JGD2.5-NF	0,9	4	0,4	0,025	5	3	0,0002
JGD2.5-NB	0,9	4	0,4	0,025	5	3	0,0002
JGD2.5-LR	0,9	4	0,4	0,025	5	3	0,0002
JGD1.6-SF	0,9	2,5	0,25	0,016	5	3	0,0002
JGD1.6-NF	0,9	2,5	0,25	0,016	5	3	0,0002
JGD1.6-NB	0,9	2,5	0,25	0,016	5	3	0,0002

Certificate history:

This revision replaces the previous version.

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