



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R137/2012-NL1-16.09 revision 3
Project number 1901325
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Issuing authority NMI Certin B.V.
Person responsible: C. Oosterman

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/G2.5 & JK/G1.6

Characteristics See page 2

This Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML Test 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**
28 August 2017



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The conformity was established by the results of tests and examinations provided in the associated OIML Type Evaluation Report:

- No. NMI-13200784-01 dated 12 March 2015 that includes 35 pages;
- No. NMI-16200632-01 dated 29 September 2016 that includes 15 pages.

Characteristics of the gas meter:

Table 1 gives the general characteristics of the meter type. Table 2 and 3 specify in detail the essential characteristics and verification scale interval.

Table 1: General characteristics	
Destined for the measurement of	Gas volume
Mechanical class	M2
Electromagnetic class	E1
Ambient temperature range	-25 °C / +55 °C
Gas temperature range	-25 °C / +55 °C
Orientation	Horizontal
Flow direction	Uni-directional
Distance between the connections	110 to 130 mm

Table 2: Essential characteristics				
Type	Cyclic volume [dm ³]	Qmax [m ³ /h]	Qt [m ³ /h]	Qmin [m ³ /h]
JK/G2.5	0,9	4	0,4	0,025
JK/G1.6	0,9	2,5	0,25	0,016

Remarks regarding Table 2:

1. The working pressure range for all "diaphragm gas meters" is atmospheric up to and including 0,5 bar(g).

Table 3: Verification scale interval			
Type	number of drums		control-element [m ³]
	before the comma	behind the comma	
JK/G2.5	5	3	0,0002
JK/G1.6	5	3	0,0002



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Certificate history:

This revision replaces the previous version(s):

Revision	Date	Description of the modification
Initial	29 September 2016	-
1	17 October 2016	Correction in given Type Evaluation Report: - NMI-16200632-01 (corrected date)
2	4 August 2017	Updated manufacturer name Clarified possible distances between the connections
3	28 August 2017	Typing error in date of issuing and date in certificate history