

OIML Member State
The Netherlands

Number R137/2012-NL1-17.05
Project number 16200250
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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: An **Electronic Thermal Gas Meter**
Type: JGM...S-G / JGM...S-R

Characteristics: See page 2

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: 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**
18 May 2017



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Head 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-15200299-02 dated 18 March 2016 that includes 45 pages;
- No. NMI-15200369-02 dated 9 September 2016 that includes 68 pages;
- No. NMI-SO16204082-01 dated 10 November 2016 that includes 15 pages;
- No. NMI-16200250-02 dated 17 May 2017 that included 28 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.
The construction of the measuring instrument is recorded in the Documentation folder no. T10706-2.

Table 1 General characteristics

Destined for the measurement of	Gas volume of natural gas type H or L
Environmental classes	M1 / E2
Accuracy class	Class 1,5
Maximum pressure	0,5 bar
Ambient temperature range	-25 – +55 °C
Gas temperature range	-25 – +55 °C
Designed for	condensing humidity
Software identification	Version number : V0.0.1.7 Checksum : 0x456AE670

Table 2 General characteristics of the family of instruments

Type	Maximum Q_{max} [m ³ /h]	Minimum Q_{min} [m ³ /h]	Q_t [m ³ /h]
JGM10S-x	16	0,1	1,6
JGM16S-x	25	0,16	2,5
JGM25S-x	40	0,25	4

*) x = 'G' (with GPRS module) or 'R' (with Zigbee module)