

**OIML Member State**  
The Netherlands

Number R137/2012-A-NL1-26.01 revision 0  
Project number 2719927  
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Issuing authority NMI Certin B.V.  
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer Goldcard Smart Group Co., Ltd.  
No. 158 Jinqiao Street, Qiantang District, Hangzhou  
Zhejiang 310018  
P.R. China

Identification of the certified type An **ultrasonic gas meter**

Manufacturers mark:

**Goldcard**

Type:

JGU-yyxxS

Characteristics See following page(s)

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.

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Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**  
3 February 2026

### 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-2719927-01c dated 25 March 2024 that includes 11 pages;
- No. NMI-2719927-02c dated 25 March 2024 that includes 19 pages;
- No. NMI-2719927-03 dated 3 February 2026 that includes 58 pages;
- No. NMI-2719927-04 dated 3 February 2026 that includes 49 pages.

### Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.

In Table 2 the characteristics of the family of instruments are presented.

The construction of the measuring instrument is recorded in the Documentation folder no. T12307-1.

**Table 1 General characteristics**

Maximum pressure	0,5 bar
Environmental classes	M1 / E2
Ambient temperature range	-25 – +55 °C; condensing humidity
Gas temperature range	-25 – +55 °C
Orientation	Connection ports vertical
Intended for the measurement of	Natural gas types H, L and E, with a Gross Wobbe Index between 39,1 MJ/m <sup>3</sup> and 54,7 MJ/m <sup>3</sup> at 15 °C and 1,01325 bar, including mixtures with a hydrogen concentration of up to 23% by volume.
Power supply voltage	3,6 V DC internal battery
Software identification	Version number: 02203603 Checksum: 0x247F69C9
Communication module (yy in JGU-yyxxS)	G GPRS N NB-IoT L LoRaWAN SF Sigfox

**Table 2 General characteristics of the family of instruments**

Meter type (xx in JGU-yyxxS)	1.6	2.5	4W	4	6W	6	10	16W	16	25
Minimum flow rate $Q_{min}$ (m <sup>3</sup> /h)	0,016	0,025	0,016	0,04	0,04	0,06	0,1	0,1	0,16	0,25
Transitional flow rate $Q_t$ (m <sup>3</sup> /h)	0,25	0,4	0,25	0,6	0,6	1	1,6	1,6	2,5	4
Maximum flow rate $Q_{max}$ (m <sup>3</sup> /h)	2,5	4	6	6	10	10	16	16	25	40
Overload flow rate $Q_r$ (m <sup>3</sup> /h)	3	4,8	7,2	7,2	12	12	19,2	19,2	30	48
Indicating range (m <sup>3</sup> )	99 999,9999						999 999,999			
Verification scale interval (m <sup>3</sup> )	0,0001						0,001			
Centreline distance [mm]	90 110 130				110 130 152,4 160		152,4 160 180		180 200 220	
Connection size	M30 G 3/4" G 7/8" G 1 1/4"				M36 M42 G 1 1/4" G 1 1/2"		M42 M64 G 1 1/4" G 1 1/2" G 2" G 2 1/2"		M64 M80 G 1 3/4" G 2" G 2 1/2" G 2 3/4"	

**Certificate history:**

Revision	Date	Description of the modification
0	03-02-2026	Initial issue