

**OIML Member State**

Italy

OIML Certificate No.

R137/2012-A-IT2-25.01

OIML CERTIFICATE ISSUED UNDER SCHEME A**OIML Issuing Authority**

Name: Tifernogas S.r.l.
Address: Via R. Morandi 44/d, 06012 Città di Castello (PG), Italy
Person responsible: Paolo Tafani Alunno

Applicant

Name: Hangzhou Innover Technology Co., Ltd.
Address: No. 1186-1 Bin'an Rd, Binjiang District, Hangzhou, Zhejiang, 310052 China

Manufacturer

Name: Hangzhou Innover Technology Co., Ltd.
Address: No. 1186-1 Bin'an Rd, Binjiang District, Hangzhou, Zhejiang, 310052 China

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Type: Smart diaphragm gas meter
G1.6, G2.5, G4

Designation of the module *(if applicable)*

Not applicable

This OIML 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):

OIML R 137

Edition (year): 2012, including Amendment 2014

For accuracy class (if applicable): 1.5

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R137/2012-A-IT2-25.01

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. TER25.01 dated 09 April 2025 that includes 35 pages

The technical documentation relating to the identified type is contained in documentation repository:

No. QW 2024/000086

OIML Certificate History

Revision No.	Date	Description of the modification
0	16/04/2025	Certificate Issuing

The OIML Issuing Authority

Paolo Tafani Alunno
Head of OIML Issuing Authority

Date: 16 April 2025



Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is 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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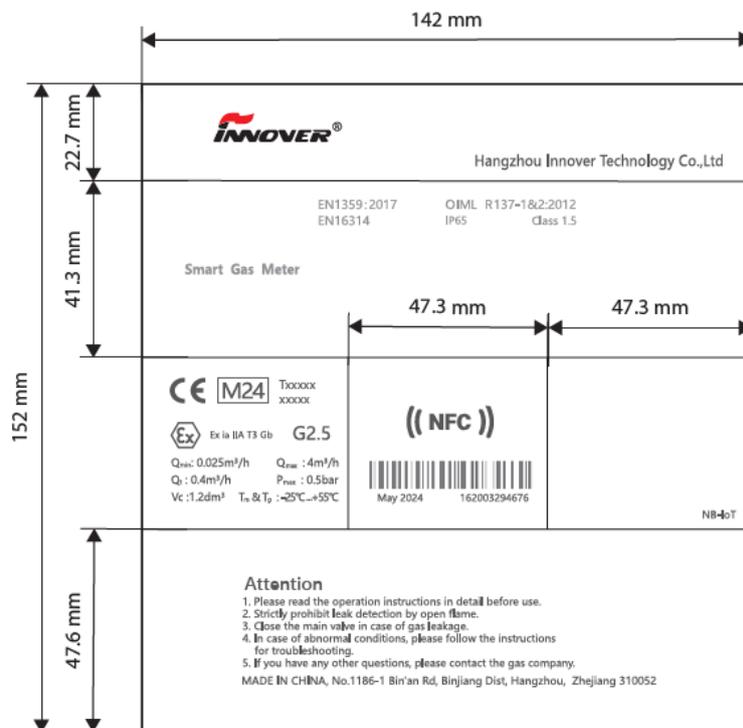
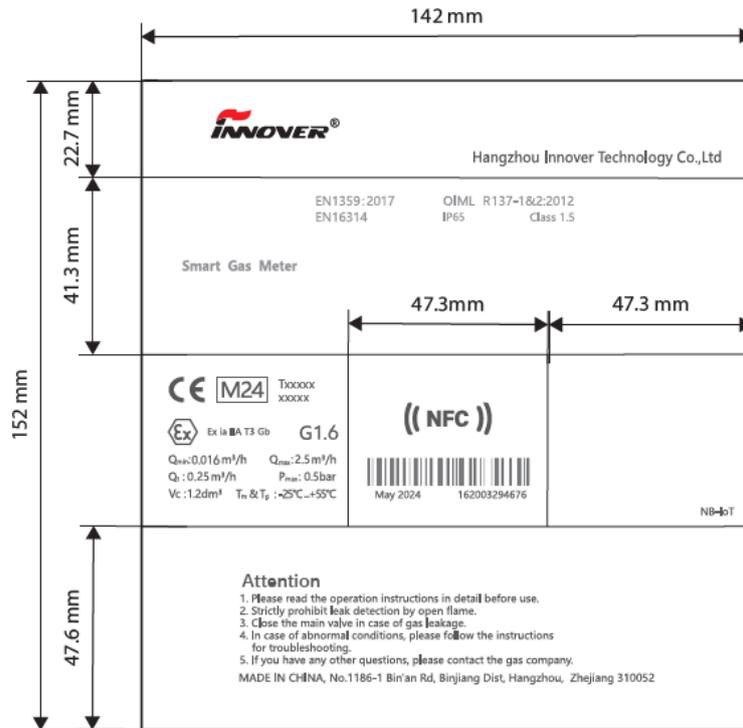
General information of the instrument type

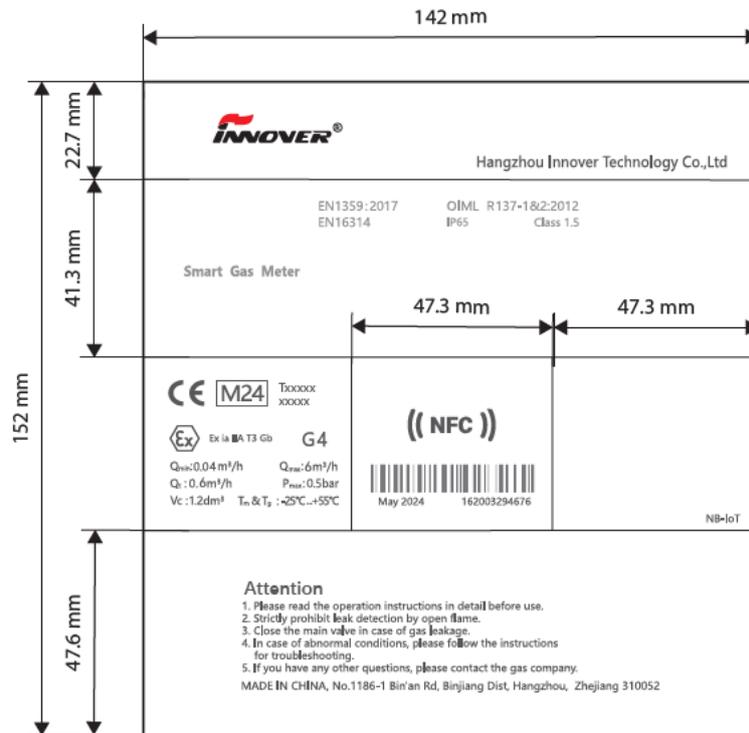
Manufacturer's trade mark	
Type designation	G1.6, G2.5, G4
Accuracy class	1.5
Connection threads size	M30x2, G3/4", G7/8", G1", G1¼", NPT3/4", NPT1", NPT1¼", 3/4" BS746, 1" BS746, 1¼" BS746
Environmental classes	M1 / E2
Ambient temperature range	-25°C / +55°C
Gas temperature range	-25°C / +55°C
Base pressure	Not applicable
Base temperature	Not applicable
t _{sp}	Not applicable
Orientation	Connection ports vertical
Flow direction	Forward flow only (left to right)
Indicating device	Electronic
Ancillary devices	4G, GPRS or NB-IoT communication module, NFC
Electrical power	Lithium battery
Software identification	C4, CRC 6087

Additional information of the instrument type

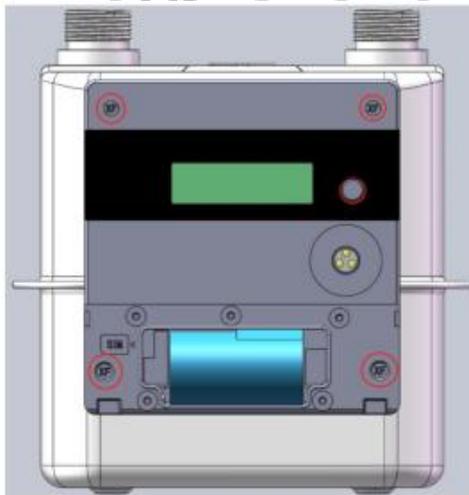
Size	Designation	Q _{max} [m ³ /h]	Q _t [m ³ /h]	Q _{min} [m ³ /h]	Cyclic vol. [dm ³]	Cases material	P _{max} [bar]	Conn. Dist. [mm]
G1.6	G1.6	2.5	0.25	0.016	1.2	Alum	0.5	130
G1.6	G1.6	2.5	0.25	0.016	1.2	Alum	0.5	110
G2.5	G2.5	4	0.4	0.025	1.2	Alum	0.5	130
G2.5	G2.5	4	0.4	0.025	1.2	Alum	0.5	110
G4	G4	6	0.6	0.04	1.2	Alum	0.5	130
G4	G4	6	0.6	0.04	1.2	Alum	1.5	110
G1.6	G1.6	2.5	0.25	0.016	1.2	Steel	0.5	130
G1.6	G1.6	2.5	0.25	0.016	1.2	Steel	0.5	110
G2.5	G2.5	4	0.4	0.025	1.2	Steel	0.5	130
G2.5	G2.5	4	0.4	0.025	1.2	Steel	0.5	110
G4	G4	6	0.6	0.04	1.2	Steel	0.5	130
G4	G4	6	0.6	0.04	1.2	Steel	1.5	110

Labels

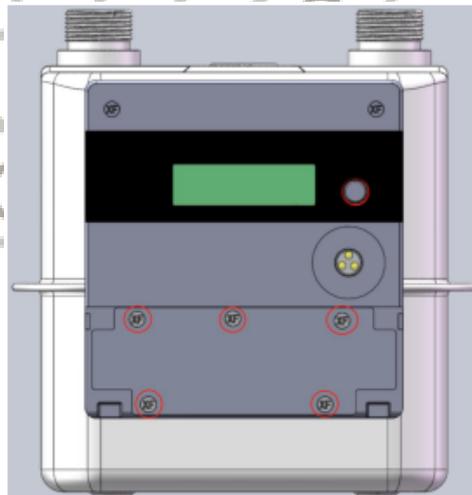




Sealing



metrological seal is gray-1C



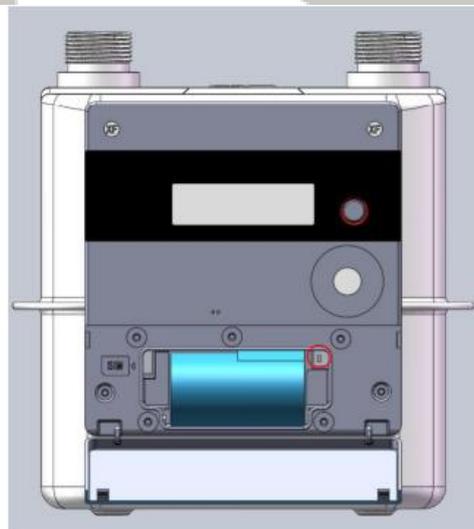
technical seal is white - RAL9003



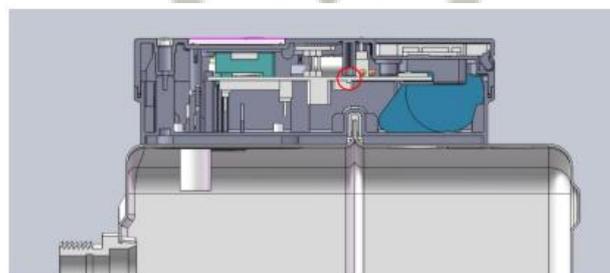
Metrological seal



In aluminium meters, in addition to the previous ones, there are mechanical seals covering two coupling screws between the upper and lower case.



An anti disassembly magnetic steel is installed between the battery cover and the circuit board, which will sound an alarm once disassembled.



An anti disassembly magnetic steel is installed between the lower cover and the circuit board, and the circuit board is mounted on the upper cover.