



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)

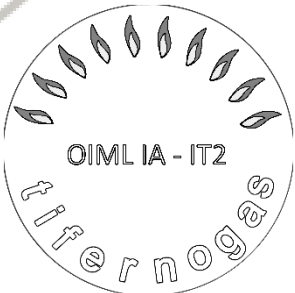
Not applicable

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

<div>OIML Certificate No. R137/2012-A-IT2-25.01</div>																	
<p>This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.</p> <p>This OIML Certificate does not bestow any form of legal international approval.</p>																	
<p>The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:</p> <p>No. TER25.01 dated 09 April 2025 that includes 35 pages</p>																	
<p>The technical documentation relating to the identified type is contained in documentation repository:</p> <p>No. QW 2024/000086</p>																	
<div>OIML Certificate History</div> <table><tr><th>Revision No.</th><th>Date</th><th>Description of the modification</th></tr><tr><td>0</td><td>16/04/2025</td><td>Certificate Issuing</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>			Revision No.	Date	Description of the modification	0	16/04/2025	Certificate Issuing									
Revision No.	Date	Description of the modification															
0	16/04/2025	Certificate Issuing															
<div><div><div>The OIML Issuing Authority</div><div>Paolo Tafani Alunno</div><div>Head of OIML Issuing Authority</div><div>Date: 16 April 2025</div></div><div></div></div>																	
<p><i>Important note:</i> 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.</p> <p>This document is digitally signed. Only digitally signed version of this document can be considered as official.</p>																	

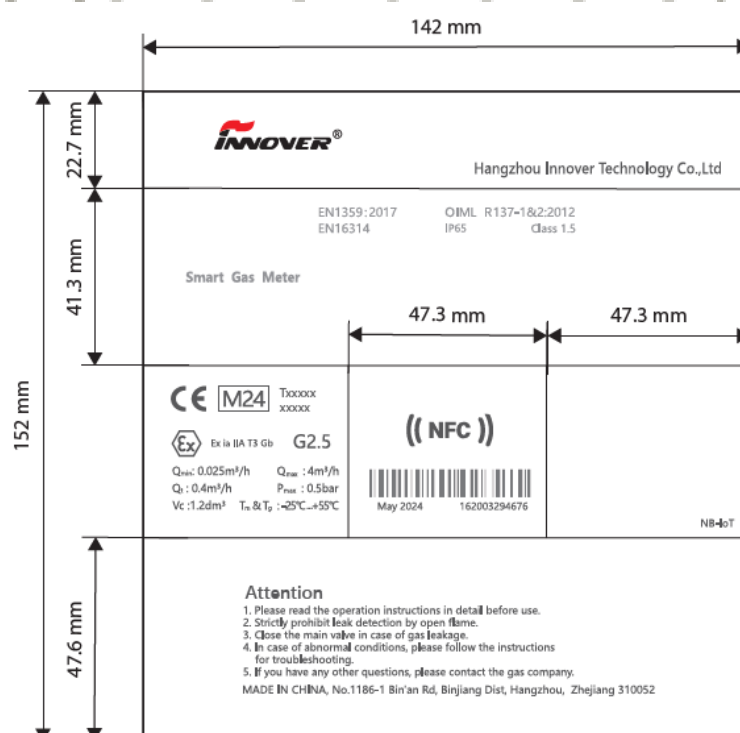
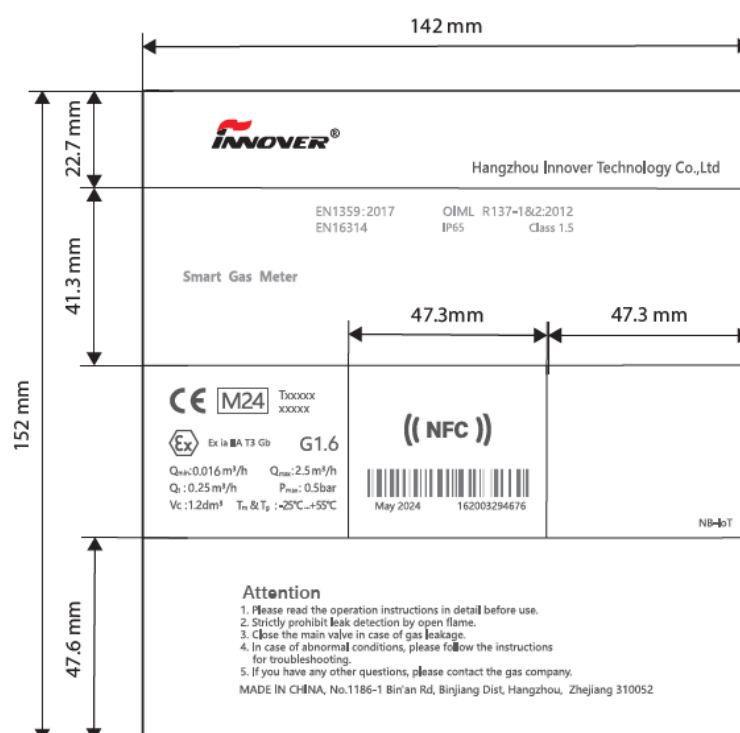
**General information of the instrument type**

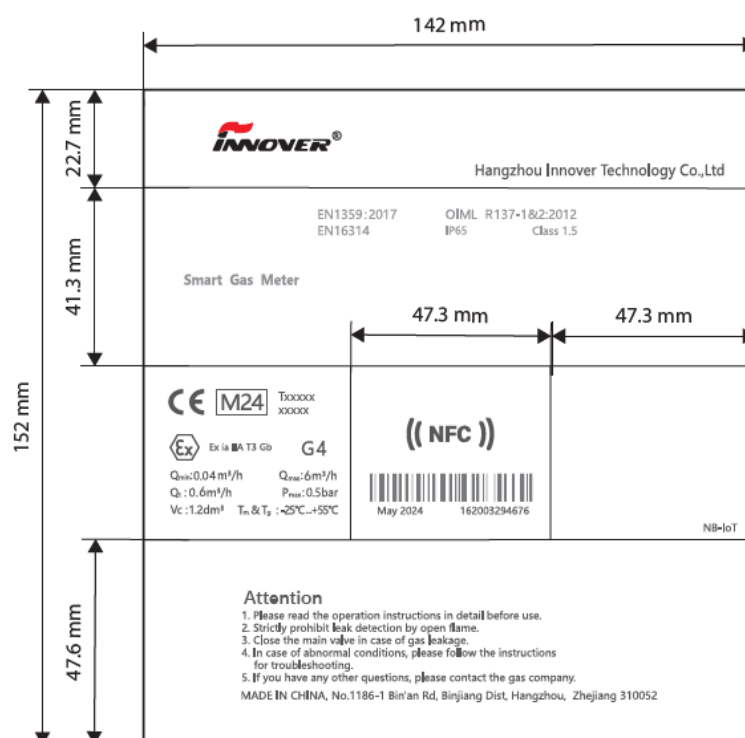
Manufacturer's trade mark	
Type designation	G1.6, G2.5, G4
Accuracy class	1.5
Connection threads size	M30x2, G3/4", G7/8", G1", G1 1/4", NPT3/4", NPT1", NPT1 1/4", 3/4" BS746, 1" BS746, 1 1/4" BS746
Environmental classes	M1 / E2
Ambient temperature range	-25°C / +55°C
Gas temperature range	-25°C / +55°C
Base pressure	Not applicable
Base temperature	Not applicable
t <sub>sp</sub>	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**

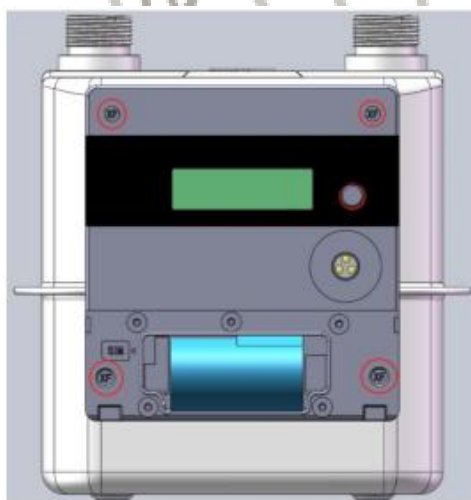
Size	Designation	Q <sub>max</sub> [m <sup>3</sup> /h]	Q <sub>t</sub> [m <sup>3</sup> /h]	Q <sub>min</sub> [m <sup>3</sup> /h]	Cyclic vol. [dm <sup>3</sup> ]	Cases material	P <sub>max</sub> [bar]	Conn. Dist. [mm]
G1.6	G1.6	2.5	0.25	0.016	1.2	Alum	0.5	130
G1.6	G1.6	2.5	0.25	0.016	1.2	Alum	0.5	110
G2.5	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

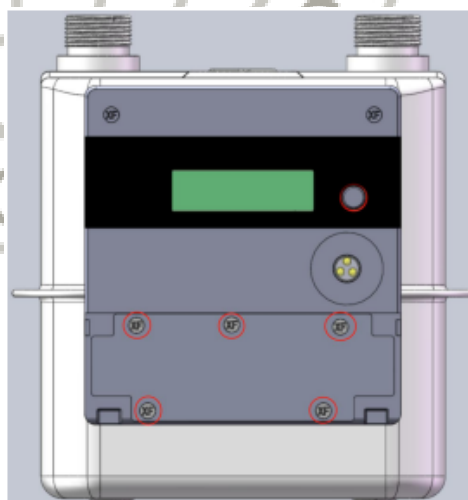




## Sealing



metrological seal is gray-1C



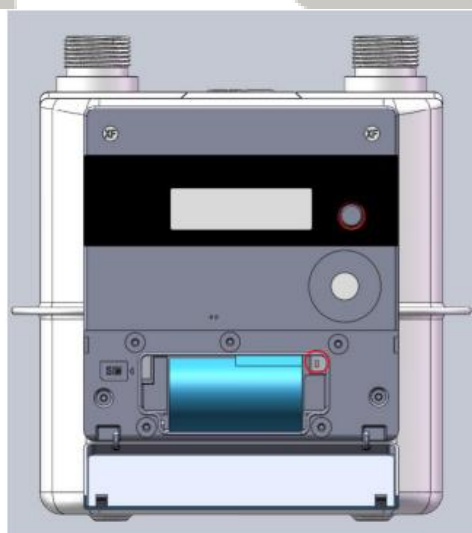
technical seal is white - RAL9003



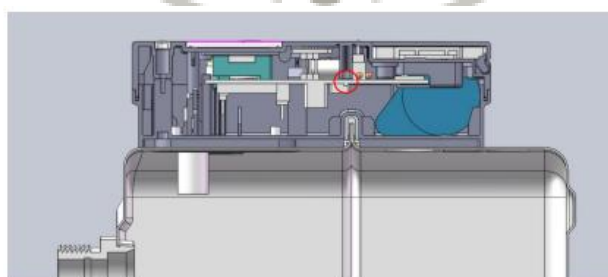
Metrological seal



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.