



OIML Member State

Italy

OIML Certificate No.

R137/2012-A-IT2-24.01 rev.01

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

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

Applicant

Name: Qianwei Meters (Chongqing) Co., Ltd.
Address: no. 69, Middle Section, Huangshan Avenue, Yubei District
401121, Chongqing
China

Manufacturer

Name: Qianwei Meters (Chongqing) Co., Ltd.
Address: no. 69, Middle Section, Huangshan Avenue, Yubei District
401121, Chongqing
China

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

Type: Diaphragm gas meter
G1.6(AL) G2.5(AL) G1.6(QW/AL) G2.5(QW/AL) G4(QW/AL)
G1.6(ST) G2.5(ST) G1.6(QW/ST) G2.5(QW/ST) G4(QW/ST)

Designation of the module (*if applicable*)

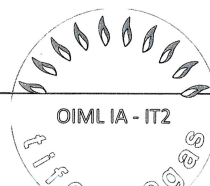
n.a.

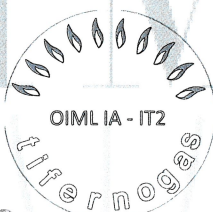
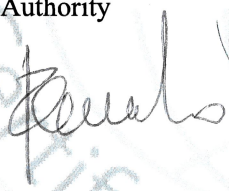
This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 137

Edition (year): 2012, including Amendment 2014

For accuracy class (if applicable): 1.5



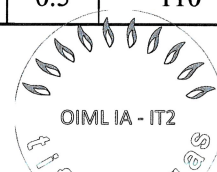
OIML Certificate No. R137/2012-A-IT2-24.01 rev.01		
This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above. This OIML Certificate does not bestow any form of legal international approval.		
The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report: No. TER24.01 dated 18 June 2024 that includes 38 pages		
The technical documentation relating to the identified type is contained in documentation file: No. DF24.01 dated 18 June 2024		
OIML Certificate History		
Revision No.	Date	Description of the modification
0	19/06/2024	Certificate Issuing
1	21/06/2024	Pmax values updated
The OIML Issuing Authority Paolo Tafani Alunno Head of OIML Issuing Authority Date: 21/06/2024  		
<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.		

General information of the instrument type

Manufacturer's trade mark	
Type designation	G1.6(AL) G2.5(AL) G1.6(QW/AL) G2.5(QW/AL) G4(QW/AL) G1.6(ST) G2.5(ST) G1.6(QW/ST) G2.5(QW/ST) G4(QW/ST)
Accuracy class	1.5
Environmental classes	M1
Ambient temperature range	-20°C / +60°C
Gas temperature range	-10°C / +40°C
Base pressure	Not applicable
Base temperature	Not applicable
tsp	Not applicable
Orientation	Connection ports vertical
Flow direction	Forward flow only (left to right)
Indicating device	Mechanical
Ancillary devices	Not applicable
Electrical power	Not applicable
Software identification	Not applicable

Additional information of the instrument type

Size	Designation	Q _{max} [m³/h]	Q _t [m³/h]	Q _{min} [m³/h]	Cyclic vol. [dm³]	Cases material	P _{max} [bar]	Conn. Dist. [mm]
G1.6	G1.6(AL)	2.5	0.25	0.016	1.2	Alum	1.5	130
G2.5	G2.5(AL)	4	0.4	0.025	1.2	Alum	1.5	130
G4	G4(QW/AL)	6	0.6	0.04	1.2	Alum	1.5	130
G1.6	G1.6(QW/AL)	2.5	0.25	0.016	0.8	Alum	1	90
G2.5	G2.5(QW/AL)	4	0.4	0.025	0.8	Alum	1	90
G1.6	G1.6(ST)	2.5	0.25	0.016	1.2	Steel	0.5	130
G2.5	G2.5(ST)	4	0.4	0.025	1.2	Steel	0.5	130
G4	G4(QW/ST)	6	0.6	0.04	1.2	Steel	0.5	130
G1.6	G1.6(QW/ST)	2.5	0.25	0.016	0.8	Steel	0.5	110
G2.5	G2.5(QW/ST)	4	0.4	0.025	0.8	Steel	0.5	110



Labels

G1.6(AL) Diaphragm Gas Meter
P_{max} 1.5 bar Q_{max} 2.5 m³/h
t_m -25°C+55°C Q_t 0.25 m³/h
V 1.2 dm³ Q_{min} 0.016 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090073

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G2.5(AL) Diaphragm Gas Meter
P_{max} 1.5 bar Q_{max} 4 m³/h
t_m -25°C+55°C Q_t 0.4 m³/h
V 1.2 dm³ Q_{min} 0.025 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090090

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G4(QW/AL) Diaphragm Gas Meter
P_{max} 1.5 bar Q_{max} 6 m³/h
t_m -25°C+55°C Q_t 0.6 m³/h
V 1.2 dm³ Q_{min} 0.04 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090100

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G1.6(QW/AL) Diaphragm Gas Meter
P_{max} 1.0 bar Q_{max} 2.5 m³/h
t_m -25°C+55°C Q_t 0.25 m³/h
V 0.8 dm³ Q_{min} 0.016 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090031

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G2.5(QW/AL) Diaphragm Gas Meter
P_{max} 1.0 bar Q_{max} 4 m³/h
t_m -25°C+55°C Q_t 0.4 m³/h
V 0.8 dm³ Q_{min} 0.025 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090041

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G1.6(ST) Diaphragm Gas Meter
P_{max} 0.5 bar Q_{max} 2.5 m³/h
t_m -25°C+55°C Q_t 0.25 m³/h
V 1.2 dm³ Q_{min} 0.016 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090009

QW/CSSC

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G2.5(ST) Diaphragm Gas Meter
P_{max} 0.5 bar Q_{max} 4 m³/h
t_m -25°C+55°C Q_t 0.4 m³/h
V 1.2 dm³ Q_{min} 0.025 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090011

QW/CSSC

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G4(QW/ST) Diaphragm Gas Meter
P_{max} 0.5 bar Q_{max} 6 m³/h
t_m -25°C+55°C Q_t 0.6 m³/h
V 1.2 dm³ Q_{min} 0.04 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090021

QW/CSSC

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

G1.6(QW/ST) Diaphragm Gas Meter
P_{max} 0.5 bar Q_{max} 2.5 m³/h
t_m -25°C+55°C Q_t 0.25 m³/h
V 0.8 dm³ Q_{min} 0.016 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090055

Qianwei Meters(chongqing)Co.,Ltd.

CE [M24]XXXX EN1359:2017 0407-MID-149(IG-018-2019)rev.2
OIML R137-1 & 2:2012

m³

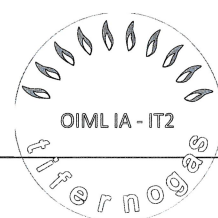
G2.5(QW/ST) Diaphragm Gas Meter
P_{max} 0.5 bar Q_{max} 4 m³/h
t_m -25°C+55°C Q_t 0.4 m³/h
V 0.8 dm³ Q_{min} 0.025 m³/h
T M1 E1 Class 1.5
Address: Middle section No.69 of Huangshan Avenue, Yu Bei District, Chongqing P.R.China

2024.05 2405090070

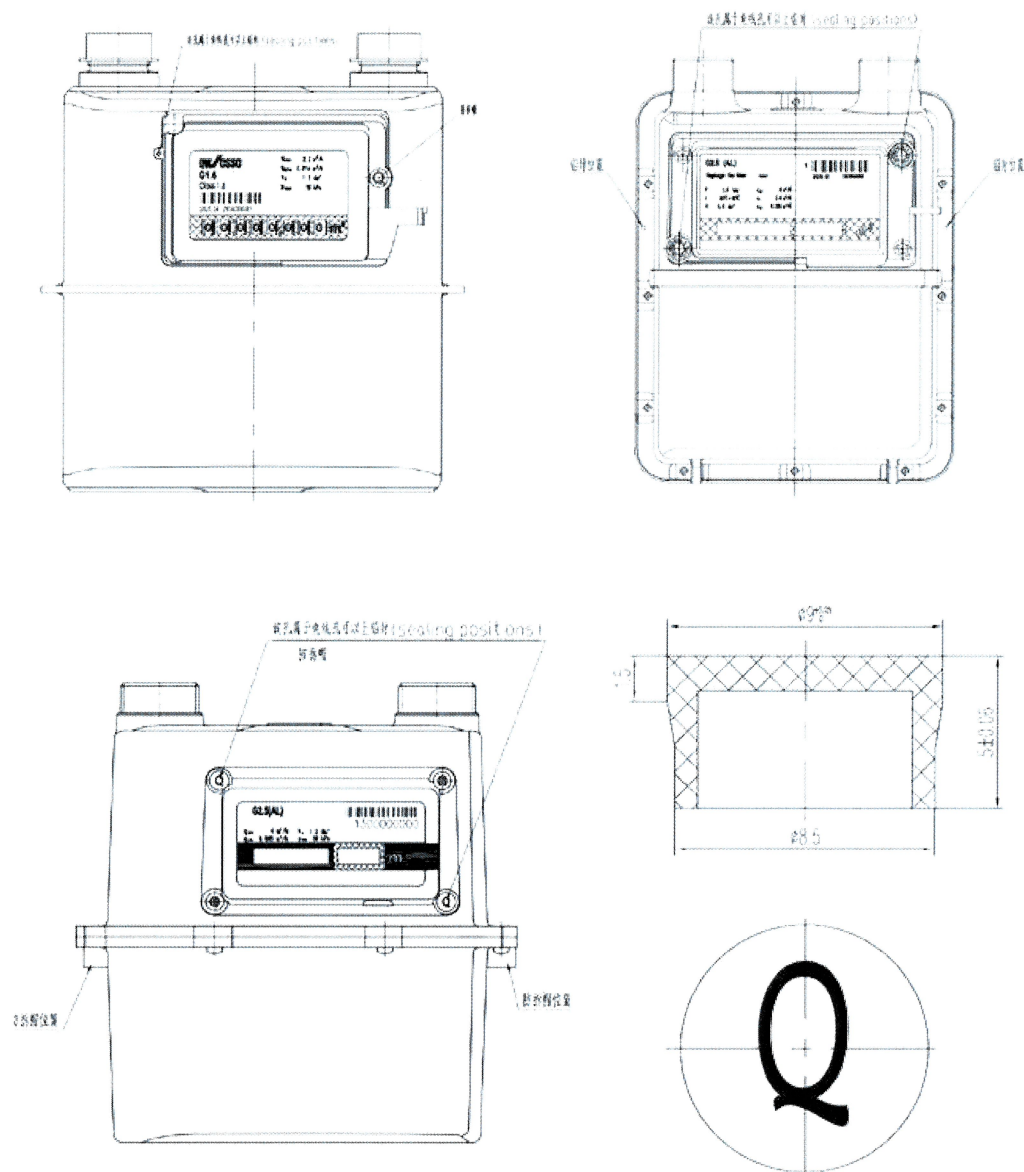
Qianwei Meters(chongqing)Co.,Ltd.

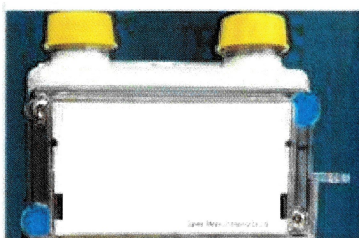
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OIML R137-1 & 2:2012

m³

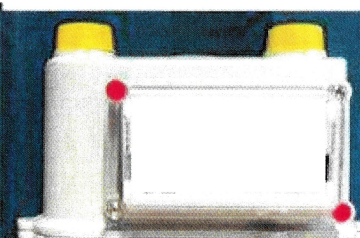


Sealing

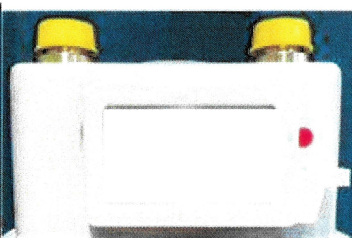




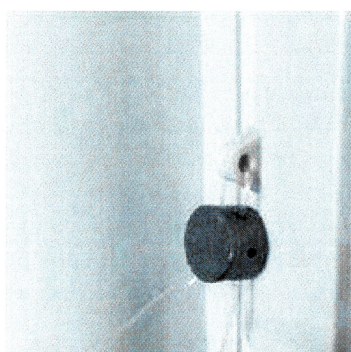
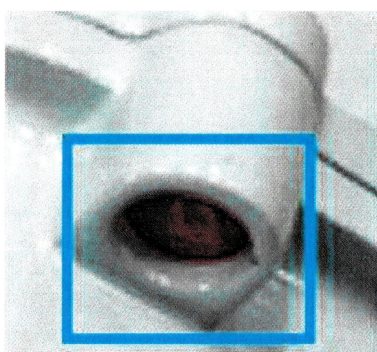
for aluminium models G1,6 - G2,5



*for aluminium models G1,6 (QW/AL)
and G2,5 (QW/AL)*



for steel models



Certification System

