



OIML Certificate

OIML Member State
The Netherlands

Number R137/2012-A-NL1-24.06 revision 0
Project number 3639792
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Issuing authority NMI Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer DMIT (Daemyoung I&T)
648 Seobusaet-gil, Guemcheon-gu
08504, SEOUL
Korea

Identification of the certified type **A Diaphragm gas meter**
Type: G1.6, G2.5 and G4

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**
8 August 2024

Certification Board

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The notification of NMI Certin B.V. as Issuing Authority can be verified at www.oiml.org

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The conformity was established by the results of tests and examinations provided in the associated report(s):

- No. NMI-2415824-01 dated 22 March 2021 that includes 44 pages;
- No. NMI-3639792-01 dated 23 July 2024 that includes 35 pages.

Production location

DMIT (Daemyoung I&T) Factory
515-4, 3.1manse-ro
Jangan-myeon, Hwaseong-si
Gyeonggi-do, Korea

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 Documentation folder no. 3639792-01.

Table 1 General characteristics

Maximum pressure	500 mbar
Environmental classes	M1 / E2
Ambient temperature range	-10 – +55 °C
Gas temperature range	-10 – +55 °C
Designed for	condensing humidity
Orientation	connection ports vertical
Intended for the measurement of	Gas volume



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Table 2 General characteristics of the family of instruments

Meter size	G1.6	G2.5	G4
Minimum flow rate Q_{\min} (m ³ /h)	0,016	0,025	0,04
Transitional flow rate Q_t (m ³ /h)	0,25	0,4	0,6
Maximum flow rate Q_{\max} (m ³ /h)	2,5	4	6
Overload flow rate Q_r (m ³ /h)	3	4,8	7,2
Cyclic volume (dm ³)	1		1,2
Indicating range (m ³)	xxxxx,xxx		
Verification scale interval (m ³)	0,0002		
Nominal diameter [mm]	20		