

OIML Member State
The Netherlands

Number R137/2012-A-NL1-22.04 revision 0
Project number 2486983
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Issuing authority NMI Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and Manufacturer EDM Limited
47 Yishun Industrial Park A, Singapore 768724
Singapore

Identification of the certified type An **ultrasonic gas meter**
Type: GC-25AU

Characteristics See page 2 and further

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**
30 January 2023

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMI-2450887-01 dated 6 May 2021 that includes 46 pages;
- No. NMI-2486983-01 dated 7 June 2022 that includes 46 pages.

Characteristics of the measuring instrument

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

Table 1 General characteristics

Destined for the measurement of	Gas volume
Environmental classes	M1 / E2
Accuracy class	1,5
Maximum pressure (bar g)	0,5
Ambient temperature range	-10 – +55 °C
Gas temperature range	-10 – +55 °C
Designed for	Condensing humidity
Power supply voltage	3,5 – 3,6 V DC
Software identification	Version number: 01.02.02.05 Checksum: D3B853D2
Minimum flow rate Q_{\min} (m ³ /h)	0,16
Transitional flow rate Q_t (m ³ /h)	2,5
Maximum flow rate Q_{\max} (m ³ /h)	25
Overload flow rate Q_r (m ³ /h)	30
Indicating range (m ³)	999999,99
Verification scale interval (m ³)	0,00025

Certificate history:

Revision	Date	Description of the modification
initial	30 January 2023	Initial issue (replacement of R137/2012-A-NL1-22.02 revision 0 due to wrong OIML-number)