



OIML Member State
The Netherlands

OIML Certificate

Number R 137/2012-A-NL1-21.03
Project number 2450887
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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
768724 SINGAPORE

Identification of the certified type An **Ultrasonic Gas Meter**
Type: GR-8BU

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**
06 May 2021

Certification Board

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

- No. NMI-2450887-01 dated 6 May 2021 that includes 46 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented. Table 2 gives an overview of the general characteristics of the family of instruments.

Table 1 General characteristics

| | |
|--|---|
| Destined for the measurement of | Gas volume |
| Environmental classes | M1 / E2 |
| Accuracy class | 1,5 |
| Maximum pressure | 0,5 |
| Ambient temperature range | -10 – +50 °C |
| Gas temperature range | -10 – +50 °C |
| Designed for | condensing humidity |
| Orientation | Connection ports vertical |
| Software identification | Version number: 01.01.02.05 Checksum: 7A60C50A |
| Minimum flow rate Q_{\min} (m ³ /h) | 0,04 |
| Transitional flow rate Q_t (m ³ /h) | 0,6 |
| Maximum flow rate Q_{\max} (m ³ /h) | 10 |
| Maximum working pressure p_{\max} (bar a) | 1,5 |
| Indicating range (m ³) | 99999,999 |
| Verification scale interval (m ³) | 0,00025 |