

OIML Member State
The Netherlands

Number R137/2012-NL1-16.11
Project number SO16203207
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Issuing authority Person responsible: NMi Certin B.V.
C. Oosterman

Applicant and Manufacturer Hangzhou Beta Meter Co., Ltd
No.181 Wuchang Avenue
Yuhang District, Hangzhou
P.R. China

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

Characteristics See page 2 and further

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**
19 October 2016



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

- No. NMI-15200530-01 dated 27 November 2015 that includes 31 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.

The construction of the measuring instrument is recorded in the Documentation folder no. T10438-2.

Table 1 General characteristics

| | |
|---------------------------------|--------------|
| Destined for the measurement of | Gas volume |
| Accuracy class | 1,5 |
| Maximum pressure | 0,5 bar |
| Ambient temperature range | -10 – +55 °C |
| Gas temperature range | -10 – +55 °C |
| Orientation | Horizontal |

Table 2 General characteristics of the family of instruments

| Meter size | G4 | G2,5 | G1,6 |
|--|-------------|-------------|-------------|
| Minimum flow rate Q_{\min} (m ³ /h) | 0,04 | 0,025 | 0,016 |
| Transitional flow rate Q_t (m ³ /h) | 0,6 | 0,4 | 0,25 |
| Maximum flow rate Q_{\max} (m ³ /h) | 6 | 4 | 2,5 |
| Overload flow rate Q_r (m ³ /h) | 7,2 | 4,8 | 3 |
| Minimum working pressure p_{\min} | atmospheric | atmospheric | atmospheric |
| Maximum working pressure p_{\max} (bar g) | 0,5 | 0,5 | 0,5 |
| Indicating range (m ³) | 99999,999 | 99999,999 | 99999,999 |
| Verification scale interval (m ³) | 0,0002 | 0,0002 | 0,0002 |