

OIML Member State
The Netherlands

Number R137/2012-B-NL1-18.06
Project number 16200383
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Issuing authority NMI Certin B.V.
Person responsible: C. Oosterman

Applicant Science Flow Lab A/S
Islandvej 29, 8700 Horsens, Denmark

Manufacturer Flonidan A/S
Islandvej 29, 8700 Horsens, Denmark

Identification of the certified type An **ultrasonic gas meter**
Type: SciFlo

Characteristics See page 2 and further

This OIML Certificate is issued under scheme B

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.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was 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.

Issuing Authority **NMI Certin B.V., OIML Issuing Authority NL1**
18 May 2018


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

- No. NMI-16200383-01 dated 18 May 2018 that includes 55 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.
The construction of the measuring instrument is recorded in the Documentation folder no. T10801-1.

Table 1 General characteristics

Destined for the measurement of	Gas volume
Environmental classes	M1 / E2
Accuracy class	1,5
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
Overload flow rate Q_r (m ³ /h)	12
Indicating range (m ³)	99999
Verification scale interval (m ³)	0,0001
Nominal diameter [mm]	23
Maximum pressure	500 mbar
Ambient temperature range	-25 – +55°C
Gas temperature range	-25 – +55 °C
Designed for	Condensing humidity
Software identification (UFE)	Version number: 00007 Checksum: 05665
Software identification (Index)	Version number: 06.xx-xx Checksum: 15394