OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R 137/2012-NL1-16.10
Project number 16200387

Issuing authority	NMi Certin B.V.
Person responsible:	C. Oosterman
Applicant and Manufacturer	MeteRSit Viale dell'Industria 31 35129 Padova Italy
Identification of the certified type	A **Thermal mass meter** Type: x485xxx
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.

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**
24 October 2016

C. Oosterman
Head Certification Board

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

- No. NMi-16200387-02 dated 17 October 2016 that includes 61 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. T10362-11.

Table 1 General characteristics

Destined for the measurement of	Gas volume of natural gas, type H or L
Environmental classes	M1 / E2
Accuracy class	1.5
Maximum pressure	500 mbar
Ambient temperature range	-25 – +55 °C
Gas temperature range	-25 – +55 °C
Designed for	Condensing humidity
Orientation	Horizontal
Power supply voltage	Battery powered

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	Version number	Checksum	Meter size
Software identification	E132 E167 G182 G192 G193 I192 G194 GL01	03EF D029 A1A8 18FB 03B6 8F41 1CCF 5812	G4
	A132 A167 J182 J192 J193 L192 J194 JL01	CA53 7199 BDC1 3484 4586 D8DD 5FFA B0DE	G6
	B166 B183 B192 B194 BL01	6CA4 82D8 B8EF 22FA BD57	G10
	F154 F166 C182 C192 C194 CL01	E336 7D4C C9BE BC94 F780 62F5	G16
	H154 H166 D182 D192 D194 DL01	6B95 F29E E589 E889 416D CBFE	G25

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Table 2 General characteristics of the family of instruments

Meter size	G4	G6	G10	G16	G25
Minimum flow rate Q_{min} (m^3/h)	0,04	0,06	0,1	0,16	0,25
Transitional flow rate Q_t (m^3/h)	0,6	1	1,6	2,5	4
Maximum flow rate Q_{max} (m^3/h)	6	10	16	25	40
Overload flow rate Q_r (m^3/h)	7,2	12	19,2	30	48
Minimum working pressure p_{min} (bar a)	1	1	1	1	1
Maximum working pressure p_{max} (bar a)	1,5	1,5	1,5	1,5	1,5
Indicating range (m^3)	99999 or 999999	99999 or 999999	999999	999999	999999
Verification scale interval (m^3)	0,001	0,001	0,001	0,001	0,001
Nominal diameter [mm]	32	32	45	45	45