

**OIML Member state**  
The Netherlands

## OIML CERTIFICATE OF CONFORMITY

### Issuing authority

Name: NMI Certin B.V.  
Address: Hugo de Grootplein 1  
3314 EG Dordrecht  
The Netherlands

### Applicant

Name: KROHNE Altometer  
Address: Kerkeplaat 12  
3313 LC Dordrecht  
The Netherlands

### Manufacturer of the certified type

Name: KROHNE Altometer  
Address: Kerkeplaat 12  
3313 LC Dordrecht  
The Netherlands

### Identification of certified type

Type: WATERFLUX

Water meter intended for the metering of cold potable water and hot water, model "WATERFLUX", class 1 and 2.

Further characteristics: see page 3.

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

- R49-1/2006 (E): Metrological and technical requirements
- R49-2/2006 (E): Test methods
- R49-3/2006 (E): Test Report format

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

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

- No. R49-1/2006-NL1-09.01 that includes 41 pages and 14 annexes.

The Issuing Authority NL1  
NMI Certin, 21 September 2009



C. Oosterman  
Head Certification Board

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\* \*

**Important note:** Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated Test Report is not permitted, although either may be reproduced in full.

**Identification of the certified pattern – continued from page 1**

Water meter intended for metering cold potable water and hot water, based on a electromagnetic principle, designed to measure reverse flow, with straight inlet and outlet length, with no flow conditioner and equipped with an electronic calculating/indicating device.

Metrological characteristics:

Type: WATERFLUX

Meter size	DN65	DN80	DN80	DN100	DN100	DN125	DN125	DN150	DN150	DN200
Minimum flow rate Q1 (m <sup>3</sup> /h)	0,40	0,63	0,64	1,0	1,0	1,56	1,60	2,50	2,52	3,94
Transitional flow rate Q2 (m <sup>3</sup> /h)	0,64	1,00	1,02	1,6	1,6	2,50	2,56	4,00	4,03	6,30
Permanent flow rate Q3 (m <sup>3</sup> /h)	100	100	160	160	250	250	400	400	630	630
Overload flow rate Q4 (m <sup>3</sup> /h)	125	125	200	200	312,5	312,5	500	500	787,5	787,5
Nominal diameter (mm)	65	80	80	100	100	125	125	150	150	200
Accuracy Class	1									
Maximum admissible pressure (bar)	10									
Min/max admissible temperature (°C)	0,1 / 50									
Indicating range (m <sup>3</sup> ) <sup>(1)</sup>	99,999			999,999			9.999,999			
Verification scale interval (m <sup>3</sup> )	0,0001			0,001			0,001			
Orientation	All positions									
Environmental class	C									
Power supply Type U <sub>battery</sub>	Battery 3,6									



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Meter size	DN50	DN50	DN65	DN65	DN80	DN80	DN100	DN100
Minimum flow rate Q1 (m <sup>3</sup> /h)	0,100	0,158	0,160	0,250	0,25	0,40	0,40	0,63
Transitional flow rate Q2 (m <sup>3</sup> /h)	0,160	0,252	0,25	0,40	0,40	0,64	0,64	1,00
Permanent flow rate Q3 (m <sup>3</sup> /h)	40	63	63	100	100	160	160	250
Overload flow rate Q4 (m <sup>3</sup> /h)	50	78,75	78,80	125	125	200	200	312,5
Nominal diameter (mm)	50	50	65	65	80	80	100	100
Accuracy Class	2							
Maximum admissible pressure (bar)	10							
Min/max admissible temperature (°C)	0,1 / 50							
Indicating range (m <sup>3</sup> )	99,999				999,999			
Verification scale interval (m <sup>3</sup> )	0,0001				0,001			
Orientation	All positions							
Environmental class	C							
Power supply Type U <sub>battery</sub>	Battery 3,6							



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Meter size	DN125	DN125	DN150	DN150	DN200
Minimum flow rate Q1 (m <sup>3</sup> /h)	0,63	1,00	1,00	1,58	1,58
Transitional flow rate Q2 (m <sup>3</sup> /h)	1,00	1,60	1,60	2,52	2,52
Permanent flow rate Q3 (m <sup>3</sup> /h)	250	400	400	630	630
Overload flow rate Q4 (m <sup>3</sup> /h)	312,5	500	500	787,5	787,5
Nominal diameter (mm)	125	125	150	150	200
Accuracy Class	2				
Maximum admissible pressure (bar)	10				
Min/max admissible temperature (°C)	0,1 / 50				
Indicating range (m <sup>3</sup> ) <sup>[1]</sup>	999,999				9,999,999
Verification scale interval (m <sup>3</sup> ) <sup>[1]</sup>	0,001				
Orientation	All positions				
Environmental class	C				
Power supply Type U <sub>battery</sub>	Battery 3,6				