

OIML Member State
The Netherlands

Number R49-1/2006-NL1-14.01
Project number 12200249
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Toshiba corporation Fuchu Complex 1, Toshiba-Cho Fuchu-Shi Tokyo 183-8511 Japan
Identification of the certified type	A water meter Type : WF11x / WF12x
Characteristics	See next page.

This Certificate attests the conformity of the above identified Types (represented by the sample(s) identified in the associated Test Reports) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R49, edition 2006 (E) for accuracy class 2.

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

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 Test Report(s) is not permitted, although either may be reproduced in full.

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

- No. NMi-122000249-01 that includes 84 pages (including annexes);
- No. 130601097/NMi/Toshiba DN50 & DN65 that includes 35 pages (including annexes).

Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1

17 January 2014



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Head Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see www.nmi.nl).



Characteristics of the water meter type WF11x (Measurement sensor) / WF12x (calculator / indicating device):

Size	50	65	80	100	125	150	200	250	300	350
Q4 [m ³ /h]	78.75	125	125	200	312.5	500	787.5	1250	1250	1250
Q3 [m ³ /h]	63	100	100	160	250	400	630	1000	1000	1000
Q2 [m ³ /h]	0.504	0.8	0.8	1.28	2	3.2	5.04	8	8	8
Q1 [m ³ /h]	0.315	0.5	0.5	0.8	1.25	2	3.15	5	5	5
Verification scale interval (pulse output in L)	0.1	0.2			0.5		1	2		
Verification scale interval (display in m ³)	0.001					0.01				
Indicating range (m ³)	999999.999					9999999.99				
Ratio Q3 / Q1	200 (forward) / 50 (reverse)									
Environmental classes	T50; C; E1									
Maximum pressure	1.6 MPa (16 bar)									
Minimum straight length of inlet / outlet pipe	0 mm / 0 mm									
Pressure loss	0,025 MPa									
Orientation	All positions									
Power supply	3.5 – 3.7 V (Replaceable battery)									

Note: x indicates the construction of the water meter, with:

x = 0 indicating combined type and

x = 2 indicating separate type.