



# OIML Certificate

**OIML Member State**  
The Netherlands

Number R61/2004-A-NL1-20.04  
Project number 2445935  
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Issuing authority NMI Certin B.V.  
Person responsible: M. Boudewijns

Applicant and  
Manufacturer Yamato Scale Co., Ltd.  
5 – 22 Saenba-cho  
Akashi, 673-8688  
Japan

Identification of the  
certified type An **Automatic gravimetric filling instrument**  
Type : ADW-A...,  
ADW-E...

Characteristics See next page

This OIML Certificate is issued under scheme A.

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

**OIML R 61** - Edition 2004 (E) for accuracy class Ref 1

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.

Issuing Authority

**NMI Certin B.V., OIML Issuing Authority NL1**  
18 August 2020

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](http://www.oiml.org)

This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon on top of the electronic version of this certificate.



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

- No. NMI-14200070-01 dated 30 March 2016 that includes 51 pages;
- No. NMI-14200070-02 dated 22 October 2015 that includes 9 pages;
- No. NMI-16200274-01 dated 27 July 2016 that includes 15 pages;
- No. NMI-16200274-02 dated 27 July 2016 that includes 15 pages;
- No. NMI-16200674-01 dated 30 January 2017 that includes 21 pages;
- No. NMI-2445935-01 dated 18 August 2020 that includes 16 pages.

## Characteristics of the automatic gravimetric filling instrument

Method of operation	selective combination weighing	
Reference accuracy class	Ref (1) the operational accuracy class X(x) is determined at the time of putting into use	
Electromagnetic environment class	E2	
Climatic environment	temperature range	-10 °C / +40 °C
	humidity	non-condensing
	intended location	closed
Maximum capacity (of each load receptor)	Max ≤ 2500 g	
Minimum capacity (of each load receptor)	Min ≥ 100 d	
Number of scale intervals (of each load receptor)	n ≤ 3000	
Number of load receptors	≥ 8	
Power supply voltage	200 – 240 V AC 50/60 Hz	
Software identification	Software module	Checksum
measurement electronics	A-ADV	603400E8
controller unit	A-SUB	027E13D8
	RCU920	4C2C3174
	RCU930	4C2C3174

Software:

- The software identification number will be displayed after pressing the key sequence:
  - From the start/home screen touch the "TROUBLE SHOOTING" button;
  - Touch the "SOFTWARE VERSION" button;
  - The page "SOFTWARE VERSION" opens up and the CRC's will be shown.

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ADW-A-01..., ADW-E-01...

Average number of loads per fill:	4	
Accuracy class:		
d [g]	X(1) [g]	X(2) [g]
0,1	13,3	6,7
0,2	26,6	13,4
0,5	133,5	33,5
1	400	133
2	1600	400

ADW-A-03..., ADW-E-03..., ADW-E-05..., ADW-E-10..., ADW-E-16...

Average number of loads per fill:	4	
Accuracy class:		
d [g]	X(1) [g]	X(2) [g]
0,1	32,9	16,4
0,2	131,6	32,8
0,5	493,5	164,5
1	1973	493
2	3946	1974
5	9865	4935
10	29600	9870