

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.17 revision 2
Project number 3720278
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Issuing authority

NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and
Manufacturer

DIGI SINGAPORE PTE LTD.
4 Leng Kee Road
#06-01 SIS Building
159088 Singapore

Identification of the
certified type

A Non-automatic weighing instrument
Type : SM-6000 series

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 76-1:2006 for accuracy class III

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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
30 May 2024

Certification Board

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



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

- No. NMI-1901130-01 dated 22 January 2018 that includes 63 pages;
- No. NMI-1902316-01 dated 14 August 2018 that includes 46 pages;
- No. NMI-1902316-02 dated 14 August 2018 that includes 20 pages;
- No. NMI-2442339-01 dated 26 March 2020 that includes 20 pages;
- No. NMI-2486729-01 dated 16 October 2020 that includes 26 pages.
- No. NMI-3720278-01 dated 30 May 2024 that includes 13 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	III	
Maximum capacity	$6 \text{ kg} \leq \text{Max} \leq 150 \text{ kg}$	
Verification scale interval	$e \geq 1 \text{ g}$	$e \geq 2 \text{ g}$
Weighing ranges	Single interval Multi-interval	
Maximum number of scale intervals (one weighing range)	$n \leq 6000$ divisions	$n \leq 7500$ divisions
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ divisions	
Maximum number of partial weighing ranges	2	
Tare	$T \leq -50\%$ for instruments with one weighing range $T \leq -\text{Max}_1$ for multi-interval instruments	
Temperature range	$-10 \text{ }^\circ\text{C} / +40 \text{ }^\circ\text{C}$	
Power supply voltage	220 – 240 V AC 50/60 Hz	
Application	Intended to be used for direct sales to the public	
Software identification	Version number	Checksum
	7.1.1.23	89E66100
	7.1.1.25	F43E2E4E
	7.1.1.31	DD724AA2
	7.1.1.32	DCD04CA1
	8.1.1.40	18425002
	11.1.1	BA5A6E5C
	12.1.1	3D93F5F4

The software identification is displayed at start-up or after pressing the key sequence:

- "Menu / Maintenance / System info".

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The non-automatic weighing instrument has embedded software.

- The instrument can be used in a master/slave configuration, as a master or as a slave.
- The instrument can be used as a self-service scale.

Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
0	2020-03-27	Initial issue.
1	2020-10-16	Revision of the certificate to add new version with external platform and different load cell.
2	2024-05-30	Adding alternative I/O board.