OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-24.15 revision 1
Project number 3839081

Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	Shinko Denshi Co., Ltd. 1-52-1 Itabashi, Itabashi-ku Tokyo 173-0004 Japan
Identification of the certified type	A **Non-automatic weighing instrument** Type : FMA 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 (II)

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
30 January 2025

Certification Board

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

- No. NMi-3798983-01 dated 15 October 2024 that includes 46 pages;
- No. NMi-3798983-02 dated 15 October 2024 that includes 22 pages;
- No. NMi-3798983-03 dated 15 October 2024 that includes 22 pages;
- No. NMi-3839081-01 dated 30 January 2025 that includes 8 pages;
- No. NMi-3839081-02 dated 30 January 2025 that includes 20 pages;
- No. NMi-3839081-03 dated 30 January 2025 that includes 20 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	(II)		
Maximum capacity	Max ≤ 62000 g	Max ≤ 62 kg	Max ≤ 310000 ct
Verification scale interval	e ≥ 1 g	e ≥ 0,001 kg	e ≥ 5 ct
Actual scale interval	e = d, e = 2d, e = 5d, or e = 10d		e = d
Weighing range	Single interval		
Maximum number of scale intervals	n = 62000		
Tare	T ≤ -Max		
Temperature range	+5 °C / +35 °C		
Power supply voltage	100 – 240 V AC 50/60 Hz to 12V DC (by AC/DC plug-in power supply), Or 6 V DC (by internal battery)		
Software identification	Checksum: 6D0B		

Revision History

Revision	Date	Change
0	2024-10-15	Initial issue.
1	2025-01-30	Changes on FMA-DSP board. Addition of the 'FMA-DSP PCB' drawing. Addition of new power supply.