

OIML Member State
The Netherlands

Number R76/2006-A-NL1-23.19 revision 0
Project number 3678394
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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 : LNA-CE series
GBN 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 **I** or **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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
15 December 2023

Certification Board

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

- No. NMI-2645860-01 dated 28 April 2023 that includes 20 pages;
- No. NMI-2645860-02 dated 28 April 2023 that includes 14 pages;
- No. NMI-2645860-03 dated 28 April 2023 that includes 11 pages;
- No. NMI-3678394-01 dated 15 December 2023 that includes 19 pages;
- No. NMI-3678394-02 dated 15 December 2023 that includes 34 pages;
- No. NMI-3678394-03 dated 15 December 2023 that includes 19 pages;
- No. NMI-3678394-04 dated 15 December 2023 that includes 18 pages;
- No. NMI-3678394-05 dated 15 December 2023 that includes 30 pages;
- No. NMI-3678394-06 dated 15 December 2023 that includes 13 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	I	I	II	II
Maximum capacity	500 g ≤ Max ≤ 620 g	5000 g ≤ Max ≤ 6200 g	1200 g ≤ Max ≤ 15 kg 6000 ct ≤ Max ≤ 75000 ct	21 kg ≤ Max ≤ 31 kg 100000 ct ≤ Max ≤ 150000 ct
Verification scale interval	e = 0,01 g	e = 0,1 g	0,1 g ≤ e ≤ 2 g 1 ct ≤ e ≤ 5 ct	1 g ≤ e ≤ 5 g e = 5 ct
Actual scale interval	e = d, or e = 10 d			
Weighing range	Single interval			
Maximum number of scale intervals (one weighing range)	n ≤ 62000		n ≤ 42000	n ≤ 31000
Tare	T ≤ -Max			
Temperature range	10 °C / 30 °C			
Power supply voltage	100 – 240 V AC 50/60 Hz 12 V DC by AC/DC plug-in power supply			
Software identification Checksum	5112			

Remark:

1. Carat (ct) indication function is not available for GBN series.

Revision History

Revision	Date	Change(s)
0	2023-12-15	Initial issue.