

OIML Member State
The Netherlands

Number R76/2006-A-NL1-19.28 Revision 1
Project number 2683261
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Issuing authority

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

**Applicant and
Manufacturer**

Shanghai Teraoka Electronics Co., Ltd.
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China

Identification of the
certified type

A **Non-automatic weighing instrument**
Type : SM-120

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 - Edition 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
20 December 2021

Certification Board

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

- No. NMI-14200153-01 dated 16 May 2014 that includes 39 pages;
- No. NMI-14200358-01 dated 30 July 2014 that includes 19 pages;
- No. NMI-15200265-01 dated 8 May 2015 that includes 25 pages;
- No. NMI-1902238-01 dated 20 April 2018 that includes 12 pages;
- No. NMI-2371200-01 dated 23 May 2019 that includes 24 pages;
- No. NMI-2573473-01 dated 26 February 2021 that includes 26 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	III
Maximum capacity	$3 \text{ kg} \leq \text{Max} \leq 300 \text{ kg}$
Verification scale interval	$e \geq 1 \text{ g}$
Weighing ranges	Single interval Multi-interval
Maximum number of scale intervals (one weighing range)	$n \leq 6000$ divisions
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ divisions (per partial weighing range)
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 V / 230 V / 240 V AC 50/60 Hz
Application	Intended to be used for direct sales to the public
Software identification	Version number: VR01.xx (xx = 00... 99)

Revision History

This revision replaces the previous version.

Revision	Date	Change
Initial	23-05-2019	-
1	20-12-2021	Addition of new L6D type loadcell based on NMI-2573473-01 test report