



OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-19.04 revision 1
Project number 3556079
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Issuing authority

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

Applicant and
Manufacturer

Shanghai Teraoka Electronic Co., Ltd.
No.6058 Nanting Road, Tinglin Town
Jinshan District
Shanghai 201505
P.R. of China

Identification of the
certified type

A Non-automatic weighing instrument
Type : DS-520III / DS-530III 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.

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
12 January 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-11200554-01 dated 23 May 2012 that includes 46 pages;
- No. NMI-11200554-02 dated 23 May 2012 that includes 13 pages;
- No. NMI-12200701-01 dated 14 October 2013 that includes 45 pages;
- No. NMI-12200701-02 dated 14 October 2013 that includes 20 pages;
- No. NMI-2202079-01 dated 8 February 2019 that includes 54 pages;
- No. NMI-3556079-01 dated 12 January 2024 that includes 27 pages;
- No. NMI-3556079-02 dated 12 January 2024 that includes 24 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	III
Maximum capacity	$3 \text{ kg} \leq \text{Max} \leq 600 \text{ kg}$
Verification scale interval	$e \geq 1 \text{ g}$
Weighing range(s)	Single interval Multi-interval
Maximum number of scale intervals (one weighing range)	$n \leq 3000$
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ (per partial weighing range)
Maximum number of partial weighing ranges	2
Tare	$T \leq -50\%$ of Max for instruments with one weighing range $T \leq -\text{Max}_1 - e_1$ for multi-interval instruments
Temperature range	$-10^\circ\text{C} / +40^\circ\text{C}$
Power supply voltage	220 V – 240 V AC 50/60 Hz Or 4 x 1,5V batteries
Software identification	Version number Vr1.xx (x = 0... 99)

Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
0	2023-02-08	Initial issue.
1	2024-01-12	Addition of test reports to include load cell type L6E3.