

OIML Member State
The Netherlands

Number R76/2006-A-NL1-22.23 revision 2
Project number 3726147
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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 of Nan Ting Road Ting Lin Town, Jin Shan District Shanghai 201505 China
Identification of the certified type	A Non-automatic weighing instrument Type : DS-502HD, DS-502HD (BT)
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
21 December 2023

Certification Board

NMi Certin B.V.
Thijsseweg 11
2629 JA Delft
The Netherlands
T +31 88 6362332
certin@nmi.nl
www.nmi.nl

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

- No. NMI-3596436-01 revision 1 dated 16 March 2023 that includes 47 pages;
- No. NMI-3596436-02 dated 23 December 2022 that includes 11 pages;
- No. NMI-3726147-01 dated 21 December 2023 that includes 33 pages;
- No. NMI-3726147-02 dated 21 December 2023 that includes 8 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	III
Maximum capacity	$30 \text{ kg} \leq \text{Max} \leq 300 \text{ kg}$
Verification scale interval	$e \geq 10 \text{ g}$
Weighing ranges	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	$T \leq -50\%$ 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	6 V DC battery for DS-502HD 9 V DC battery for DS-502HD (BT)
Software identification	vr 1,xx (for the STB-2388 mainboard) or v 1,xx (for the STB-2403 mainboard) (xx=00.....99)
Version number	

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Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
0	2022-12-23	Initial issue.
1	2023-03-16	Correction of type evaluation report NMI-3596436-01.
2	2023-12-21	Additional test reports for alternative main board and A/D board.