

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.44 revision 2
Project number 3507033
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Issuing authority

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

**Applicant and
Manufacturer**

Shanghai Teraoka Electronics Co., Ltd.
No.6058 of Nan Ting Road
Ting Ling Town, Jin Shan District
Shanghai 201505
China

**Identification of the
certified type**

A Weighing module
Type

: AD2000, RM-5800LL B, RM-5800NLL

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

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

- No. NMI-14200679-01 dated 15 February 2015 that includes 43 pages;
- No. NMI-14200679-02 dated 15 February 2015 that includes 28 pages;
- No. NMI-15200365-01 dated 12 June 2015 that includes 15 pages;
- No. NMI-2353595-01 dated 8 May 2019 that includes 13 pages;
- No. NMI-2391421-01 dated 4 September 2019 that includes 14 pages;
- No. NMI-2433988-01 dated 10 March 2020 that includes 42 pages;
- No. NMI-2441754-01 dated 10 March 2020 that includes 26 pages;
- No. NMI-2488135-01 dated 3 August 2020 that includes 16 pages;
- No. NMI-2488135-02 dated 3 August 2020 that includes 16 pages;
- No. NMI-2633662-01 dated 9 February 2022 that includes 45 pages.
- No. NMI-3507033-01 dated 21 December 2023 that includes 17 pages;
- No. NMI-3507033-02 dated 21 December 2023 that includes 26 pages.

Characteristics of the non-automatic weighing instrument:

Load cell used	L6C	L6D	P, PS, K	only P and PS
Configuration	Weighing module			
Accuracy class	III			
Maximum capacity	3 kg ≤ Max ≤ 30 kg		3 kg ≤ Max ≤ 37,5 kg	
Verification scale interval	e ≥ 1 g			e ≥ 5 g
Weighing range(s)	Single interval Multi-interval			Single interval
Maximum number of scale intervals (one weighing range)	n ≤ 6000 (with STB-2255 or STB-2236 A/D board)	n ≤ 6000 (with STB-2236 A/D board)	n ≤ 6000 (with STB-2236, STB-2255 or STB-2255-xx A/D board)	n ≤ 7500 (with STB-2255 or STB-2255-xx A/D board)
Maximum number of scale intervals (multi-interval)	n ≤ 3000 (per partial weighing range)			-
Maximum number of partial weighing ranges	2			-
Fraction of the maximum permissible error	1			
Tare	T ≤ -50% for instruments with one weighing range T ≤ -Max ₁ for multi-interval instruments			
Temperature range	-10 °C / +40 °C			
Power supply voltage	For type AD2000: 12 V DC via RS232 or 5 V DC via USB For other types: 100 – 240 V AC 50/60Hz			For type AD2000: 5 V DC via USB
Software identification	Version number: 1.x.x (x= 0...9)			



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Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
0	2020-08-03	Initial issue.
1	2022-02-15	Added new mainboard, power supply and L6D load cell.
2	2023-12-21	Added L6C load cell.