



OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.44 revision 1
Project number 2633662
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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 - 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
15 February 2022

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.



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

Characteristics of the weighing module:

Load cell used	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-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 _i 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 version(s).

Revision	Date	Change(s)
Initial	2020-08-03	-
1	2022-02-15	Added new mainboard, power supply and L6D load cell