



# OIML Certificate

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-20.44  
Project number 2488135  
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Issuing authority NMI Certin B.V.  
Person responsible: M. Boudewijns

Applicant and Manufacturer Shanghai Teraoka Electronics Co., Ltd.  
No.6058 of Nan Ting Road  
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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.

*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**  
3 August 2020

Certification Board

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The notification of NMI Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://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 Test 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.

### Characteristics of the weighing module:

Configuration	Weighing module	
Accuracy class	(III)	
Maximum capacity	$3 \text{ kg} \leq \text{Max} \leq 37,5 \text{ kg}$	
Verification scale interval	$e \geq 1 \text{ g}$	
Weighing range(s)	Single interval Multi-interval	
Maximum number of scale intervals (one weighing range)	$n \leq 3000$	$n \leq 7500$
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ (per partial weighing range)	$n \leq 7500$ (per partial weighing range)
Maximum number of partial weighing ranges	2	
Fraction of the maximum permissible error	1	
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	For type AD2000: 12 V DC via RS232 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)	