



# OIML Certificate of Conformity

**OIML Member State**  
The Netherlands

Number R76/2006-NL1-13.45  
Project number 13200491  
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Shanghai Teraoka Electronic Co., LTD. Tinglin Industry Development Zone 201505 Shanghai P.R. of China
Identification of the certified type	<b>A Non-automatic weighing instrument</b> Type : SM-100.., SM-5100..
Characteristics	See next page

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 R76-1**, 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**  
28 November 2013



C. Oosterman  
Head Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

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

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see [www.nmi.nl](http://www.nmi.nl)).



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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. R76/1992-NL1-05.11 that includes 57 pages;
- No. R76/1992-NL1-05.18 that includes 15 pages;
- No. R76/1992-NL1-04.13A that includes 56 pages;
- No. R76/1992-NL1-05.31A that includes 24 pages;
- No. R76/1992-NL1-05.31B that includes 16 pages;
- No. R76/1992-NL1-05.40 that includes 16 pages;
- No. R76/1992-NL1-07.03 that includes 43 pages;
- No. R76/1992-NL1-09.22A that includes 15 pages;
- No. R76/1992-NL1-09.22B that includes 13 pages;
- No. R76/1992-NL1-09.33 that includes 13 pages;
- 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-13200491-01 dated 25 November 2013 that includes 30 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	$e \geq 1 \text{ g}$
Maximum number of scale intervals	$n \leq 6000$ divisions for a single interval scale $n \leq 3000$ divisions (per partial weighing range) for a multi-interval scale
Maximum partial weighing ranges	2
Temperature range	$-10 \text{ }^\circ\text{C} / +40 \text{ }^\circ\text{C}$
Tare	$T \leq -50\%$ for single interval instruments $T \leq -\text{Max}_1$ for multi interval instruments
Weighing range(s)	Single interval Multi-interval
Power supply voltage	220 - 240 V AC 47-63 Hz
Application	Intended to be used for direct sales to the public
Software identification	V1.xx for the version with STB-2177 main board; V2.xx for the version with STB-2047 or STB-2055 main board; xx is a number between 00 and 99 which presents the non-legally relevant software.