

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.39 revision 3
Project number 2999651
Page 1 of 3

Issuing authority

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

Manufacturer

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

Identification of the certified type

A Non-automatic weighing instrument
Type : RM-5800 series;
SM-120 (LL) BS PLUS

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.

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
20 July 2022

Certification Board

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

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

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. R76/2006-NL1-10.06 dated 22 March 2010 that includes 59 pages;
- No. NMI-12200263-01 dated 28 September 2012 that includes 23 pages;
- No. NMI-12200684-01 dated 6 December 2012 that includes 11 pages;
- No. NMI-13200468-01 dated 21 October 2013 that includes 21 pages;
- No. NMI-14200357-01 dated 10 October 2014 that includes 37 pages;
- No. NMI-14200490-01 dated 10 October 2014 that includes 17 pages;
- No. NMI-15200739-01 dated 24 February 2016 that includes 35 pages;
- No. NMI-1900734-01 dated 20 April 2017 that includes 42 pages;
- No. NMI-1901725-01 dated 24 January 2018 that includes 15 pages;
- No. NMI-1902212-01 dated 25 May 2018 that includes 28 pages;
- No. NMI-1902212-02 dated 25 May 2018 that includes 25 pages;
- No. NMI-2168906-01 dated 12 June 2019 that includes 47 pages;
- No. NMI-2326018-01 dated 14 June 2019 that includes 13 pages;
- No. NMI-2406858-01 dated 31 October 2019 that includes 12 pages;
- No. NMI-2480079-01 dated 10 July 2020 that includes 16 pages;
- No. NMI-2624491-01 dated 16 July 2021 that includes 26 pages;
- No. NMI-2633662-01 dated 9 February 2022 that includes 45 pages;
- No. NMI-2999651-01 dated 20 July 2022 that includes 35 pages;
- No. NMI-2999651-02 dated 20 July 2022 that includes 20 pages.

Characteristics of the non-automatic weighing instrument:

Load cell used	K type / L6D type	PS type	M type	L6E3
Accuracy class	III			
Maximum capacity	3 kg ≤ Max ≤ 30 kg	3 kg ≤ Max ≤ 30 kg	30 kg ≤ Max ≤ 600 kg	30 kg ≤ Max ≤ 600 kg
Verification scale interval	e ≥ 0,5 g	e ≥ 1 g	e ≥ 10 g	e ≥ 5 g
Weighing ranges	Single interval Multi-interval			
Maximum number of scale intervals	n ≤ 6000 divisions (single interval, with A/D board STB-2236), or n ≤ 3000 divisions (per partial weighing range)	n ≤ 3000 divisions (with A/D board STB-2236) (per partial weighing range)	n ≤ 3000 divisions (per partial weighing range)	n ≤ 6000 divisions (single interval, with A/D board STB-2236) or n ≤ 3000 divisions (per partial weighing range)
Maximum number of partial weighing ranges	2			
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	100 – 240 V AC 50/60 Hz			
Application	Integrated POS software Intended to be used for direct sales to the public			

Software identification	Filenames	Version	Checksum	Remarks	
Maxlabel software	libwm.jar	1	14015C4F		
MaxPOS software	libwm.jar	1.1.0.release_build:59 1.1.0.release_build:51	00085704 00077148	-	
	libscale.jar libprice.jar	1.1.0.release_build:26 1.1.0.release_build:5	00064855		
RM 5800 Plus II software	Windows	libscale.dll libprice.dll	1 or 2 1 or 2	one checksum calculated over two files	
	Linux	libscale.so libprice.so	1 or 2 1 or 2		
BBKassa software	QNX	Rm5800drv.so	1.0b145	8293B120200D92BF5F8 6EC2A4D099F9E	-
STE2k software	Android	libwm.so	1.1	0142994b15a6d3a0832 b87f19ca29d9b	-

Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
Initial	10 July 2020	-
1	11 May 2021	Adding test report for new mainboard GF40.
2	16 July 2021	Adding new load cell types L6D and PS. Software table detailed. References to earlier test reports moved into the latest report.
3	20 July 2022	Adding new load cell type L6E3 and J3455 mainboard.