

**OIML Member State**  
The Netherlands

Number R76/2006-A-NL1-20.39 Revision 2  
Project number 2624491  
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Issuing authority

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

Applicant and  
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 pages

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**  
16 July 2021

Certification Board

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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 Report:

- No. NMI-2624491-01 dated 16 July 2021 that includes 26 pages.

### Characteristics of the non-automatic weighing instrument:

Load cell used	K type / L6D type	PS type	M type
Accuracy class	III		
Maximum capacity	3 kg ≤ Max ≤ 30 kg	3 kg ≤ Max ≤ 30 kg	30 kg ≤ Max ≤ 600 kg
Verification scale interval	e ≥ 0,5 g	e ≥ 1 g	e ≥ 10 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)
Maximum number of partial weighing ranges	2		
Tare	T ≤ -50% for instruments with one weighing range T ≤ -Max <sub>1</sub> 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	one checksum calculated over two files	
RM 5800 Plus II software	Windows	libscale.dll libprice.dll	1 or 2 1 or 2		00459169 or 41047A60
	Linux	libscale.so libprice.so	1 or 2 1 or 2	00747997 or 169330BA	
BBKassa software	QNX	Rm5800drv.so	1.0b145	8293B120200D92BF5F8 6EC2A4D099F9E	-
STE2k software	Android	libwm.so	1.1	0142994b15a6d3a0832 b87f19ca29d9b	-



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## Certificate history:

This revision replaces the previous versions.

Revision	Date	Description of the modification
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.