OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-19.58 revision 2
Project number 3685444

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 Lin Town, Jin Shan District Shanghai 201505 China
Identification of the certified type	A **Non-automatic weighing instrument** Type : PS-160 (B or P), PS-178
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
18 March 2024

Certification Board

NMi Certin B.V.
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The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMi-12200407-01 dated 5 July 2013 that includes 51 pages;
- No. NMi-2283667-01 dated 31 October 2019 that includes 43 pages;
- No. NMi-3507385-01 dated 30 August 2022 that includes 25 pages;
- No. NMi-3507385-02 dated 30 August 2022 that includes 25 pages;
- No. NMi-3685444-01 dated 18 March 2024 that includes 25 pages;
- No. NMi-3685444-02 dated 18 March 2024 that includes 22 pages.

Characteristics of the non-automatic weighing instrument:

Type		**PS-178**	**PS-160**	
Accuracy class		(III)		
Maximum capacity		35 kg	30 kg or 35 kg	6 kg ≤ Max ≤ 30 kg
Verification scale interval		e ≥ 0,5 g		e ≥ 1 g
Minimum capacity		20 e 5 e (for postal use)		
Weighing range(s)		Multi-interval		Single interval Multi-interval
Maximum number of scale intervals (one weighing range)		-		n ≤ 7500
Maximum number of scale intervals (multi-interval)		n ≤ 4000 (per partial weighing range)		n ≤ 7500 (per partial weighing range)
Maximum number of partial weighing ranges		4		3
Tare		$T \leq -(Max_1 - e_1)$	-	-
Temperature range		-10 °C / + 40 °C		
Power supply voltage		12 V DC supplied by 100 – 240 V AC 50/60 Hz plug-in power supply		
		9 V DC supplied by external battery, or 12 V DC supplied by RS232 interface	-	
Software identification	Version number	1.xx	1.xx	
		Where xx is a number between 10 and 99 which represents the non-legally relevant software	(Where xx is a number between 03 and 99 which represents the non-legally relevant software)	

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Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
0	2019-10-31	Initial issue.
1	2022-08-30	Additional load cell included.
2	2024-03-18	Model PS-178 added, new main board, new power supply adapter, power by external battery, through RS232.