OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-20.25 Revision 1
Project number 2543654

Issuing authority	NMi Certin B.V. Person responsible: M. Boudewijns
Applicant and Manufacturer	Mettler-Toledo, LLC 1150 Dearborn Drive Worthington, Ohio 43085-6712 United States of America
Identification of the certified type	A **Non-automatic weighing instrument** Type : BC series
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
9 December 2020

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Test Reports:

- No. NMi-13200599-01 dated 17 April 2014 that includes 60 pages;
- No. NMi-13200599-02 dated 17 April 2014 that includes 24 pages;
- No. NMi-14200417-01 dated 16 October 2014 that includes 29 pages;
- No. NMi-14200417-02 dated 16 October 2014 that includes 29 pages;
- No. NMi-15200077-01 dated 19 May 2015 that includes 33 pages;
- No. NMi-15200077-02 dated 19 May 2015 that includes 30 pages;
- No. NMi-16200667-01 dated 2 November 2016 that includes 13 pages;
- No. NMi-2480011-01 dated 24 July 2020 that includes 14 pages;
- No. NMi-2543654-01 dated 9 December 2020 that includes 14 pages.

Characteristics of the non-automatic weighing instrument:

Load cell	**MT1041 and 0785**	**MT1260**	**0795**	**SLP331D**	**AMI**
Accuracy class	(III)				
Maximum capacity	15 kg ≤ Max ≤ 60 kg	Max ≤ 150 kg	Max ≤ 150 kg	30 kg ≤ Max ≤ 50 kg	3 kg ≤ Max ≤ 15 kg
Verification scale interval	e ≥ 0,005 kg	e ≥ 0,02 kg	e ≥ 0,02 kg	e ≥ 0,001 kg	e ≥ 0,001 kg
Weighing range(s)	Single interval Multi-interval Multiple range	Single interval	Single interval Multiple range	Single interval Multi-interval Multiple range	Single interval Multi-interval Multiple range
Maximum number of scale intervals (single interval)	n ≤ 3000 divisions			n ≤ 3500 divisions	n ≤ 3000 divisions
Maximum number of scale intervals (multi-interval)	n ≤ 3000 divisions (per partial weighing range)	-	-	n ≤ 3500 divisions (per partial weighing range)	n ≤ 3000 divisions (per partial weighing range)
Maximum number of scale intervals (multiple range)	n ≤ 3000 divisions	-	n ≤ 3000 divisions	n ≤ 3500 divisions	n ≤ 3000 divisions
Maximum number of (partial) weighing ranges	3	1	2	3	2
Temperature range	0 °C / +40 °C				-10 °C / +40 °C
Tare	T ≤ -Max				
Power supply voltage	5 V DC (USB input) 12 V DC (CAN input)	5 V DC (USB input)			
Application	Intended to be used for determining a transport tariff Intended to be used for direct sales to the public				
Software version[2]: 0.00.xxxx	SW number: 30099478 CRC32: 0x4B8B4440	SW number: 30099478 CRC32: 0x93B46AB4	SW number: 30099478 CRC32: 0x805D6909	SW number: 30099478 CRC32: 0x9187A86A	-
Software version[3]: 1.00.xxx	SW number: 30233384 or 233384 [1] 30370233 or 370233 [1]	SW number: 30233384 or 233384 [1] 30370233 or 370233 [1]	SW number: 30233384 or 233384 [1] 30370233 or 370233 [1]	SW number: 30233384 or 233384 [1] 30370233 or 370233 [1]	SW number: 30233384 or 233384 [1] 30370233 or 370233 [1]

OIML Member State
The Netherlands

Remarks:

1) 6-Digit format for the 7-segment display;
2) The software version is identified with 0.00.xxxx, where “xxxx” can be a number between 0002 and 9999 which represents non metrological relevant changes by the manufacturer. Scales with software version 0.00.xxxx have a separate main board / Rito Herman board.
3) The software version is identified with 1.00.xxx, where “xxx” can be a number between 004 and 999 which represents non metrological relevant changes by the manufacturer. Scales with software version 1.00.xxx have a combined main board.

Software:

- For instruments with a graphical display the identification number will be displayed after the following sequence:
  - press and hold the “up arrow” for 3 seconds;
  - select “info” and press “enter”;
  - select “Model” and press “enter” for the MT1260 model, or;
  - select “SW ver” and press “enter” for the other models;
  - the software identification is shown; the version of the Rainbow core, Rainbow signal processing, and Rainbow weighing package may be followed by additional digits.
- For instruments with a 7-segment display (only in combination with software version 1.00.xxx) the identification number will be displayed after the following sequence:
  - press and hold the unit switching key for 3 seconds;
  - press the unit switching key;
  - press the zero key twice to see the software version number 1.00.xxx:
    1. For instruments with software version less than 1.00.020:
       - press the zero key two times more to see the version number of the Rainbow core and Rainbow weighing package;
       - press the zero key two times more to see the version number of the Rainbow signal processing.
    2. For instruments with software version 1.00.020 or greater:
       - press the zero key two times more to see the build number;
       - press the zero key two times more to see the version number of the Rainbow core;
       - press the zero key two times more to see the version number of the Rainbow signal processing;
       - press the zero key two times more to see the version number of the Weighing Package.

The non-automatic weighing instrument with combined main board (software version 1.00.xxx) has embedded software. All other models have loadable software.

Revision History

This revision replaces the previous version.

Revision	Date	Change(s)
Initial	2020-07-24	-
1	2020-12-09	Addition of new A/D chip