

OIML Member State
The Netherlands

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Project number 3771832
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Issuing authority

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

Applicant and
Manufacturer

Mettler-Toledo GmbH
Im Langacher 44
8606 Greifensee
Switzerland

Identification of the
certified type

A Non-automatic weighing instrument
Type : Freshbase Plus.../ bTouch...

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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
27 January 2025

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated reports:

Freshbase Plus / bTouch:

- No. NMI-2561963-01 dated 1 December 2024 that includes 35 pages;
- No. NMI-3771832-01 dated 27 January 2025 that includes 20 pages;
- No. NMI-3771832-02 dated 27 January 2025 that includes 22 pages;
- No. NMI-3771832-03 dated 27 January 2025 that includes 23 pages.

Digital load cell: SLP220D, SLP330D, SLP215D

- No. NMI-375802-01 dated 12 April 2024 that includes 74 pages;
- No. NMI-2495901-01 dated 6 September 2021 that includes 72 pages;
- No. NMI-11200209-01 Revision 1 dated 28 April 2014 that includes 66 pages;
- No. NMI-12200205-01 Revision 1 dated 28 April 2014 that includes 46 pages;
- No. NMI-12200756-01 Revision 1 dated 28 April 2014 that includes 12 pages;
- No. NMI-12200756-02 Revision 1 dated 28 April 2014 that includes 46 pages.

Software:

- No. NMI-15200200-01 dated 3 July 2015 that includes 8 pages;
- No. NMI-15200200-02 dated 3 July 2015 that includes 12 pages;
- No. NMI-2480407-01 dated 24 August 2020 that includes 15 pages;
- No. NMI-3595052-01 dated 17 February 2023 that includes 13 pages;
- No. NMI-3595052-02 dated 17 February 2023 that includes 4 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	III
Maximum capacity	$6 \text{ kg} \leq \text{Max} \leq 30 \text{ kg}$
Verification scale interval	$e \geq 1 \text{ g}$
Weighing range(s)	Single interval Multi-interval
Maximum number of scale intervals (one weighing range)	$n \leq 6000$
Maximum number of scale intervals (multi-interval)	$n \leq 3000$ (per partial weighing range)
Maximum number of partial weighing ranges	2
Tare	$T \leq -\text{Max}$
Temperature range	$-10 \text{ °C} / +40 \text{ °C}$
Power supply voltage	100 V– 240 V AC 50/60 Hz
Application	Intended to be used for direct sales to the public

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Software identification:
- The ArchOne software
MTSmartOS:

	Name	Version number
Software identification	Scale application	SA1.y.z(y: 0-99, z: 0-9999)
	Viewer application	VA1.y.z(y: 0-99, z: 0-9999)

Windows:

	Name	Version number
Software identification	Scale application	WSA1.y.z (y: 0-99, z: 0-9999)
	Viewer application	WVA1.y.z(y: 0-99, z: 0-9999)

The procedure to display/print the software identification and to recall the event logger is as follows:

- Press the "Menu" button
- When the menu button is pressed, a password entry window appears (Password: 246813)
- In the main menu, press the "Printer" button at the top for system info printout or enter menu 'Configuration' -> 'System' -> 'Printout System Info'.

The software identification can be reviewed without password entry as well, the procedure is as follows:

- Long press the "Menu" button and then waiting for 1-2s
- The information for Scale application and Viewer application would be displayed in line "SW-Application"

Software identification for scale application and viewer application are also shown at start-up.

- The FreshVCO software:

Producer	Program module	Version	Checksum	Remarks
Mettler Toledo	FreshVCO.exe	1.0	02A91D3F 2144DF1C 84597C95	Weight communication module
		1.1		
		1.2.0		

Software identification:

The software version number is shown after pressing "CRC or "AFF.CHK" button in the main screen.

	Name	Version number
Software identification	MT UPOS Scale	1.x.y.z(x=0...999, x=0...999, x=0...9999999)

In case MT UPOSScale (MT UPOSIndicator / VCO) provides the primary indications, the software version and event logger are shown upon double click onto the descriptive markings (Max, Min, e) on the display.

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Revision History

This revision replaces the previous versions.

Revision	Date	Change(s)
0	2021-11-01	Initial issue.
1	2021-11-08	Adding load cell SLP220D, SLP330D test report
2	2025-01-27	Correction of address, it was under the name of 'Mettler-Toledo (Changzhou) Measurement Technology Ltd'. Adding alternative base board RK3568, RK3568FBL, JP1900 Adding bTouch C2 type and load cell SLP215D. Adding configuration with FreshVCO software. Adding Windows version for ArchOne software configuration.