

OIML Member State
The Netherlands

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Project number 3812525
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Issuing authority NMI Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant Mettler-Toledo GmbH
Im Langacher 44
CH-8606 Greifensee
Switzerland

Manufacturer METTLER-TOLEDO Changzhou Measurement Technology Ltd.
No.111, West TaiHu Road,
Changzhou, Jiangsu, 213125
China

Identification of the certified type **A Non-automatic weighing instrument**
Type : BBA...-400..., BBD...-400..., BBK...-400...

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 **II** or **III** or **III1**

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.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

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 October 2024

Certification Board

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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.






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



Indicator/Terminal:

Type IND400:

- No. NMI-3699033-01 dated 26 January 2024 that includes 41 pages;
- No. NMI-3699033-02 dated 26 January 2024 that includes 19 pages;
- No. NMI-3699033-03 dated 26 January 2024 that includes 17 pages;
- No. NMI-3812525-01 dated 18 October 2024 that includes 19 pages.

Analog load cell:

Type 0785:

- No. R60/2000-NL-01.06A dated 15 February 2001, that includes 40 pages;
- No. R60/2000-NL-01.06B dated 15 February 2001, that includes 37 pages;
- No. R60/2000-NL1-04.15A dated 30 September 2004, that includes 40 pages;
- No. R60/2000-NL1-04.15B dated 30 September 2004, that includes 37 pages.

Type 0795:

- No. R60/2000-NL-01.03 dated 19 January 2001, that includes 40 pages;
- No. NMI-2555505-01 dated 19 March 2021 that includes 16 pages.

Type 0805:

- No. R60/2000-NL-02.17A dated 17 June 2002, that includes 43 pages;
- No. R60/2000-NL-02.17B dated 6 June 2002, that includes 37 pages;
- No. R60/2000-NL1-04.19A dated 21 December 2004, that includes 43 pages;
- No. R60/2000-NL1-04.19A revision 1 dated 13 February 2012 that includes 31 pages;
- No. R60/2000-NL1-04.19B dated 21 December 2004, that includes 37 pages.

Type SLP84X:

- No. NMI-2517421-04 dated 5 January 2021 that includes 51 pages;
- No. NMI-2517421-05 dated 5 January 2021 that includes 46 pages;
- No. NMI-2517421-06 dated 5 January 2021 that includes 46 pages.

Data processing device:

Type Rainbow:



- No. NMI-11200439-04 dated 8 March 2012 that includes 20 pages;
- No. NMI-12200333-01 dated 12 October 2012 that includes 21 pages;
- No. NMI-15200100-01 dated 3 July 2015 that includes 8 pages;
- No. NMI-15200100-02 dated 3 July 2015 that includes 12 pages.

Digital load cell:

Type SLP84XD:

- No. NMI-2517421-01 dated 29 January 2021 that includes 69 pages;
- No. NMI-2517421-02 dated 29 January 2021 that includes 46 pages;
- No. NMI-2517421-03 dated 29 January 2021 that includes 46 pages.

Type SLP331D, SLP330D, SLP332D:

- No. NMI-11200209-01 Revision 1 dated 28 April 2014 that includes 66 pages;
 - No. NMI-11200209-02 Revision 1 dated 28 April 2014 that includes 49 pages;
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- No. NMI-11200439-04 dated 8 March 2012 that includes 20 pages;
- No. NMI-11200439-07 dated 8 March 2012 that includes 25 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;
- No. NMI-13200259-01 Revision 1 dated 28 April 2014 that includes 46 pages.

Weighing module:

Type ..MBA....., ..MPD....., ..MMA.....:

- No. NMI-11200439-01 dated 8 March 2012 that includes 34 pages;
- No. NMI-11200439-02 dated 8 March 2012 that includes 24 pages;
- No. NMI-11200439-03 dated 8 March 2012 that includes 29 pages;
- No. NMI-11200439-04 dated 8 March 2012 that includes 20 pages;
- No. NMI-11200439-05 dated 8 March 2012 that includes 19 pages;
- No. NMI-11200439-06 dated 8 March 2012 that includes 7 pages;
- No. NMI-11200439-07 dated 8 March 2012 that includes 25 pages;
- No. NMI-SO14201172-01 dated 28 April 2014 that includes 29 pages;
- No. NMI-15200276-01 dated 23 February 2017 that includes 26 pages;
- No. NMI-15200276-02 dated 23 February 2017 that includes 17 pages.

Type PBD655:

- No. NMI-11200385-01 revision 1 dated 17 April 2012 that includes 24 pages;
- No. NMI-11200385-02 revision 1 dated 17 April 2012 that includes 21 pages;
- No. NMI-11200385-03 revision 1 dated 17 April 2012 that includes 21 pages;
- No. R76/2006-NL1-10.25 dated 18 November 2010 that includes 49 pages.

Characteristics of the non-automatic weighing instrument:

For each model, the compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in OIML R 76-1:2006 Annex F.

Configuration	Analog load cells	Digital load cells or weighing module
Accuracy class	III or IIII	II or III or IIII
Weighing ranges	Single interval Multi-interval Multiple range	
Maximum number of scale intervals (one weighing range)	$n \leq 10000$ divisions	$n \leq 100000$ divisions
Maximum number of scale intervals (multi-interval or multiple range)	$n \leq 10000$ divisions (per (partial) weighing range)	$n \leq 100000$ divisions (per (partial) weighing range)
Maximum number of weighing ranges	3	
Temperature range	Matching the temperature range in the test reports involved	
Power supply voltage	100–240 V AC 50/60 Hz	

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Software identification:
IND 400:

Description	Version	Remarks
Standard	1.xx.yyyy	For analog, and SICSprö scale types
Standard	2.xx.yyyy	For analog, SICSprö and PowerDeck scale types

(xx is a number between 00 and 99 representing major updates of the non-legally relevant part of the software and yyyy is a number between 0000 and 9999 and represents minor updates of the non-legally relevant part of the software)

Digital load cells or weighing module:

- AP..., APPL... or Appl... (Application software), . = any character;

Rainbow Core	Rainbow Weighing Package	Rainbow Signal Processing
RB or rb	WP or wp	SP or sp or DSP or dsp
1.9.7 to 2.0.6 (same version)		1.70.x
2.0.7 to 2.1.6	2.0.7 to 2.1.6	1.70.x
2.1.7 to 2.3.6	2.1.7 to 2.2.6	1.70.x
For Rainbow core versions 2.3.7 and higher the Rainbow Core is legally not relevant.	2.2.x	1.70.x
		2.0.x

(x is a number between 0 and 99 representing minor updates of the non-legally relevant part of the software)

Instructions to display the software version:

- The identification number will be displayed after pressing the key sequence:

-  > Terminal Info > .

If the digital load cell or weighing module is connected, the Rainbow version will be displayed on the second page.



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Revision History

This revision replaces the previous version

Revision	Date	Change(s)
0	2024-03-21	Initial issue.
1	2024-10-18	Addition of type evaluation report for IND400. Additional software included for IND400.