

OIML Member State
The Netherlands

Number R76/2006-A-NL1-21.09 revision 2
Project number 3814212
Page 1 of 3

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,
Xinbei district, Changzhou
Jiangsu, 213125
Peoples Republic of China

Identification of the certified type

An **Indicator**
Type : IND231
IND236
IND236-TLF

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** or **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
16 May 2024

Certification Board

NMi Certin B.V.
Thijsseweg 11
2629 JA Delft
The Netherlands
T +31 88 6362332
certin@nmi.nl
www.nmi.nl

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.



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

- No. NMI-13200101-01 dated 22 April 2013 that includes 49 pages;
- No. NMI-13200101-02 dated 22 April 2013 that includes 13 pages;
- No. NMI-14200515-01 dated 28 November 2014 that includes 12 pages;
- No. NMI-SO15202366-01 dated 26 February 2016 that includes 8 pages;
- No. NMI-2315156-01 dated 8 October 2020 that includes 28 pages.

Characteristics of the indicator:

Accuracy class	(III) or (III)	
Weighing ranges	Single interval Multiple range	
Configuration	Without tilt compensation	With tilt compensation
Maximum number of scale intervals	$n \leq 6000$	$n \leq 1500$
Maximum number of weighing ranges	2	
Load cell excitation voltage	5 V DC	
Minimum signal input voltage	$U_{\min} = 0 \text{ mV}$	
Minimum input voltage per verification scale interval	0,5 μV	2,5 μV
Minimum load cell resistance	87 Ω	175 Ω
Maximum load cell resistance	1200 Ω	
Fraction of the maximum permissible error	0,5	
Load cell interface	6-wire with sense technology, may be configured as 4-wire	6-wire with sense technology
Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells	3911,9 m/mm ² In case sense technology is not used the load cells are connected directly without junction box or extension cable	17,3 m/mm ²
Temperature range	-10 °C / +40 °C	
Power supply voltage	100 – 240 V AC 50/60 Hz or internal rechargeable 7,2 V DC battery or 9 V DC battery or 12-36 V DC (only for IND236)	
Application	-	Intended to be used for on-board weighing
Software identification	Version number: 1.xx.xxxx (x = 0 ... 9)	



OIML Member State
The Netherlands

OIML Certificate

Number R76/2006-A-NL1-21.09 revision 2
Project number 3814212
Page 3 of 3

Revision History

This revision replaces the previous versions.

Revision	Date	Changes
0	2021-02-08	Initial issue
1	2023-10-31	Correction for mentioning wrong report number
2	2024-05-16	Update of some specifications