

OIML Member State
The Netherlands

Number R76/2006-A-NL1-23.23 revision 1
Project number 3756754
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Issuing authority	NMi Certin B.V. Person responsible: M.Ph.D. Schmidt
Applicant and Manufacturer	Mettler-Toledo (Chanzhou) Measurement Technology Ltd. 111 West Taihu Road, Xinbei District, Chanzhou Peoples Republic of China
Identification of the certified type	An Indicator Type : IND245/IND246
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.

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**
6 June 2024

Certification Board

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

- No. NMI-11200016-01 dated 18 May 2011 that includes 47 pages;
- No. NMI-11200016-02 dated 18 May 2011 that includes 38 pages;
- No. NMI-11200016-03 dated 18 May 2011 that includes 13 pages;
- No. NMI-13200507-01 dated 6 November 2013 that includes 27 pages;
- No. NMI-15200477-01 dated 29 October 2015 that includes 7 pages;
- No. NMI-2372754-01 dated 12 December 2019 that includes 9 pages;
- No. NMI-3756754-02 dated 6 June 2024 that includes 17 pages;
- No. NMI-3756754-04 dated 6 June 2024 that includes 9 pages.

Characteristics of the indicator:

Configuration	Analog load cells	Digital load cells or weighing module or
Accuracy class OIML R 76	(III) and (III)	
Weighing range(s)	Single interval Multi-interval Multiple range	
Maximum number of scale intervals (one weighing range)	$n \leq 6000$	$n \leq 10000$
Maximum number of scale intervals (multi-interval)	$n \leq 6000$ (per partial weighing range)	$n \leq 10000$ (per partial weighing range)
Maximum number of partial weighing ranges	2	
Maximum number of scale intervals (multiple range)	$n \leq 6000$ (per weighing range)	$n \leq 10000$ (per partial weighing range)
Maximum number of weighing ranges	2	
Load cell excitation voltage	5 V DC or 10 V DC	
Minimum input voltage per verification scale interval	0,83 μ V or 1 μ V	
Minimum load cell resistance	Battery version	87 Ω
	AC mains version	43 Ω
Maximum load cell resistance	1200 Ω	
Fraction of the maximum permissible error	0,5	0
Load cell interface	6-wire with sense technology, may be configured as 4-wire	

Maximum value of the cable length per cross wire section between the indicator and the junction box or load cells		In case sense technology is not used the load cells are connected directly without junction box or extension cable	-
Temperature range		-10 °C / +40 °C	
Power supply voltage		100 – 240 V AC 50/60 Hz or 7.2 V (NiMH battery) or 10.8V (Battery Pack Li-Ion) (not suitable for a road vehicle power supply)	
Application		Intended to be used for direct sales to the public	
Software identification	Version number	Type	Identification number*
		Analog 72257764	RainBow V1.6 1.xx
		Analog with inclination sensor 30835811	RainBow V1.6 1.xx.yyyy
		digital 30065264	2.xx.yyyy 3.xx.yyyy

* were xx can be a number between 0 and 99, and yyyy can be a number between 0000 and 9999

Revision History

Revision	Date	Changes
0	2023-11-10	Initial issue
1	2024-06-06	Addition of tilt sensor