OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R76/2006-NL1-17.45
Project number 1901319

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Mettler-Toledo (ChangZhou) Measurement Technology Ltd. 111 West TaiHu Road XinBei District ChangZhou, JiangSu, 213125 People's Republic of China
Identification of the certified type	An **Indicator** or **Digital data processing device** Type : IND560 / IND560x
Characteristics	See next page

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 (II) or (III) or (IIII)

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**
28 July 2017

C. Oosterman
Head Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. 504169A dated 21 October 2005 that includes 45 pages;
- No. 504169B dated 21 October 2005 that includes 16 pages;
- No. 609647 dated 21 March 2007 that includes 32 pages;
- No. 707327A1 dated 5 December 2007 that includes 14 pages;
- No. 707327A2 dated 5 December 2007 that includes 14 pages;
- No. 707327B1 dated 5 December 2007 that includes 14 pages;
- No. 707327B2 dated 5 December 2007 that includes 14 pages;
- No. DANAK-199878 dated 19 February 2008 that includes 67 pages;
- No. NMi-11200265-01 dated 9 May 2011 that includes 14 pages;
- No. NMi-15200768-01 dated 3 February 2016 that includes 16 pages.

Characteristics of the indicator:

Accuracy class		(II), (III) or (IIII)	
Weighing ranges		Single interval Multi-interval Multiple range	
Maximum number of verification scale intervals		n ≤ 10000 for class (III) instruments or n ≤ 1000 for class (IIII) instruments not applicable for digital data processing device	
Maximum number of partial weighing ranges		3	
Load cell excitation voltage		10 V DC, or 4,8 V DC (hazardous area version) digital load cells connected to PDX interface, power supply by the indicator	
Minimum input voltage per verification scale interval		0,25 µV	0,3 µV
Minimum load cell resistance		43 Ω, or 86 Ω (hazardous area version)	
Maximum load cell resistance		1236 Ω	
Fraction of the maximum permissible error		0,5 (indicator) 0 (digital data processing device)	
Load cell connection		4-wire or 6-wire (remote sensing)	
Maximum value of cable length per cross wire section between indicator and junction box or load cells	4-wire	0,7 m/mm^2	
	6-wire	34,7 m/mm^2	No specific cable length
Temperature range		-10 °C / +40 °C	

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Power supply voltage	110 V AC, 50/60 Hz; or 230 V AC, 50/60 Hz; or for hazardous area version 6 separate excitations 5,3 V DC to 12,6 V DC from external power supply 110 V / 230 V AC 50/60Hz; or for hazardous area version 6,8 V DC to 12 V DC from an external intrinsically safe battery pack
Software identification	L1.xx, 2.xx, 3.xx, 4.xx or 5.xx xx = 0 – 99