OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R76/2006-NL1-16.41
Project number 15200620

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 P. R. of China
Identification of the certified type	A **Non-automatic weighing instrument** Type : PFD series
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 (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
14 July 2016

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):

IND246:
- 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.

IND570:
- No. NMi-13200606-01 dated 17 April 2014 that includes 53 pages;
- No. NMi-13200606-02 dated 17 April 2014 that includes 17 pages;
- No. NMi-15200584-01 dated 16 June 2016 that includes 24 pages.

SLB615D:
- No. LSfc2013-6001 dated 2 July 2013 that includes 33 pages;
- No. LSfc2013-6002 dated 2 July 2013 that includes 16 pages.

PFD (2000 kg):
- No. NMi-15200620-01 dated 13 July 2016 that includes 12 pages.

Characteristics of the indicator IND246:

Accuracy class	(III) and (IIII)	
Maximum number of verification scale intervals	10000	
Fraction of the maximum permissible error	0	
Weighing ranges	Single interval Multi-interval Multiple range	
Power supply voltage	100 – 240 V AC 50/60 Hz 24 V DC	
Temperature range	-10 °C / +40 °C	
Maximum number of load platforms	1	
Application	Intended to be used for direct sales to the public	
Software identification displayed during start-up:	Identification number	30065264 (digital board)
	Version number	V2.xx.yyyy

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Characteristics of the indicator IND570:

Accuracy class	(III) and (IIII)	
Maximum number of verification scale intervals	10000	
Fraction of the maximum permissible error	0	
Weighing ranges	Single interval Multi-interval Multiple range	
Power supply voltage	100 - 240 V AC 50 / 60 Hz or 7,2 V (NiMH battery)	
Temperature range	-10 °C / +40 °C	
Maximum number of load platforms	3	
Application	Intended to be used for direct sales to the public	
Software identification	Version number	V1.xx.yyyy V2.xx.yyyy

Characteristics of the digital load cell:

Maximum capacity (E_{max})	220 kg up to and including 4400 kg
Minimum dead load	0 kg
Accuracy Class	C
Maximum number of load cell intervals (n)	10000
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	22000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	10000
Temperature range	-10 °C / +40 °C
Fraction p_{LC}	0,8
Humidity Class	CH
Safe overload	150% of E_{max}
Recommended excitation	7,5 V DC
Excitation maximum	12 V DC
Transducer material	Stainless steel
Atmospheric protection	IP 68 or IP69K
Number of counts for E_{max}	$\geq Y * 5 / p_{LC}$