



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-09.07
revision 1
Project number 13200208
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant	Mettler-Toledo Precision Instruments Ltd. 5 Huashan Road, Sanjing Industry Park, Xinbei District, Changzhou, Jiangsu P.R. China 213022
Manufacturer	Mettler-Toledo Precision Instruments Ltd. 5 Huashan Road, Sanjing Industry Park, Xinbei District, Changzhou, Jiangsu P.R. China 213022
Identification of the certified type	A Bending beam load cell , with strain gauges Type : 0745A
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 R60 - Edition 2000 (E) for accuracy class C

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**
5 April 2013

C. Oosterman
Head 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

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMI (see www.nmi.nl).





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

- N° R60/2000-NL1-09.07A revision 1 dated 28 March 2013 that includes 38 pages;
- N° R60/2000-NL1-09.07B revision 1 dated 28 March 2013 that includes 39 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	220 kg up to and including 4400 kg	
Accuracy Class	C3	C6
Maximum number of load cell intervals (n)	3000	6000
Ratio of minimum LC Verification interval $Y = E_{max} / V_{min}$	11000	
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	7500	
Temperature range	-10 °C / +40 °C	
Fraction p_{LC}	0,7	
Humidity Class	CH	

The characteristics for n_{max} and Y can be reduced separately. Z is proportional or equal to n_{max} .

Each produced load cell is provided with an accompanying document with information about its characteristics.

Revision History

This revision replaces the previous version(s).

Revision	Date	Change(s)
Initial	22 April 2009	-
1	Date of issue	Typographic changes made in the test reports. Address of manufacturer and applicant changed.