



OIML Certificate of Conformity

OIML Member State
The Netherlands

Number R60/2000-NL1-16.28 revision 1
Project number 16200594
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Beijing True-Tec Co., Ltd. 4/F, Bldg. 2, No. 8 Hong Da Bei Lu BDA, Beijing 100176 China
Identification of the certified type	A bending beam load cell , with strain gauges Type : PA06, PA06MG, PA06R
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**
26 October 2016


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



The conformity was established by the results of tests and examinations provided in the associated OIML Test Reports:

- No. NMI-11200434-01 dated 26 November 2012 that includes 25 pages;
- No. NMI-11200434-02 dated 26 November 2012 that includes 27 pages;
- No. NMI-16200594-01 dated 30 September 2016 that includes 51 pages;
- No. NMI-16200594-02 dated 26 September 2016 that includes 46 pages.

Characteristics of the load cell:

Maximum capacity (E_{max})	3 kg	5 kg up to and including 7 kg	10 up to and including 50 kg	50 up to and including 200 kg
Minimum dead load	0 kg			
Accuracy Class	C			
Rated Output	2,00 mV/V			
Maximum number of load cell intervals (n)	3000	6000		
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	9000	18000	20000	15000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	4500	6200	7500	16000
Input impedance	406 $\Omega \pm 15 \Omega$			
Temperature range	-10 °C / +40 °C			
Fraction p_{LC}	0,7			
Humidity Class	CH			
Safe overload	150% of E_{max}			
Output impedance	350 $\Omega \pm 3 \Omega$			
Recommended excitation	5 - 10 V AC/DC			
Excitation maximum	15 V AC/DC			
Transducer material	Aluminium			
Atmospheric protection	IP65			

The characteristics for n_{max} and Y can be reduced separately.

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

The above identified Type (represented by the sample(s) identified in the OIML Test Report) have been found to comply with the additional national requirements established by the United States of America (NIST Handbook 44 and NCWM Publication 14), included in the MAA Declaration of Mutual Confidence:

- R 60 DoMC-01 rev.0, Additional requirements from the United States;
- R 60 DoMC-02 rev.0, Additional requirements from the United States.



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Certificate history:

This revision replaces the previous version(s)

Revision	Date	Description of the modification
Initial	25 October 2016	-
1	26 October 2016	Typing error in type name.