

Member State of OIML  
Germany



OIML Certificate No.  
**R76/2006-DE1-13.04**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

Name: Physikalisch-Technische Bundesanstalt  
Address: Bundesallee 100, 38116 Braunschweig  
Person responsible: Dr. Oliver Mack

### Applicant

Name: SysTec Systemtechnik und Industrieautomation GmbH  
Address: Ludwig-Erhard-Str. 6  
50129 Bergheim  
Germany




Manufacturer of the certified type is the applicant.

**Identification of the certified type** Non automatic electromechanical weighing instrument

Type: ITx000 (M, E, ET)

Further characteristics see page 2

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**R76-1**, edition 2006,  
for accuracy classes ,  and 

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation identified above.

This Certificate does not bestow any form of legal international approval.

OIML Certificate No.  
**R76/2006-DE1-13.04**

The conformity was established by the Report 1.12-4053704 and the results of tests and examinations provided in the associated Test Reports

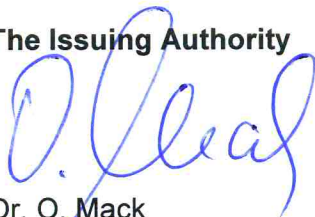
No. 4053704/1 (21 pages), No. 4053704/2 (25 pages), No. 4053704/3 (14 pages),  
 No. 4053704/4 (18 pages), No. 4053704/15 (5 pages), No. 4053704/26 (5 pages),  
 No. 4053704/37 (5 pages), No. 4053704/48 (5 pages), No. 4053704/49 (6 pages),  
 No. 4053704/410 (11 pages), No. 4053704/411 (11 pages) and No. 4053704/412 (11 pages).

Technical data:

accuracy class	II <sup>1)</sup>	III	III
Max	0,3 kg to 600 kg	0,3 kg to 600 t	
Number of verification scale intervals n	≤ 32000 <sup>4)</sup>	see 3.2 and 3.3 <sup>2), 4)</sup>	≤ 1000
Temperature range	0 °C to +40 °C	-10 °C to +40 °C	
Tare-balancing range	≤ 100 % of Max	(subtractive)	
	≤ 500 % of Max	(additive)	
Preset tare range	≤ 100 % of Max <sup>3)</sup>		

- <sup>1)</sup> Only for load receptors with digital output
- <sup>2)</sup> n must correspond with the limits of the A/D-converter, LCs and load receptors used
- <sup>3)</sup> For multi-interval instruments
- <sup>4)</sup> Using a tilt switch, the maximum number of verification scale intervals is limited to n ≤ 3000.

**The Issuing Authority**

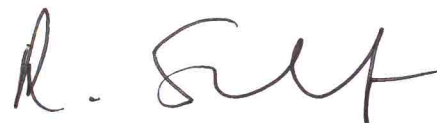


Dr. O. Mack  
 Head of Laboratory

08.08.2013



**The OIML Member**



Dr. R. Schwartz  
 Head of Division

08.08.2013

**Important note:** Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated Test Report(s) is not permitted, although either may be reproduced in full.