



Member State of OIML
Germany



OIML Certificate No.
R76/2006-DE1-15.03
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

Applicant

Name: Sartorius Industrial Scales GmbH & Co. KG
Address: Leinetal 2,
37120 Bovenden
GERMANY

Manufacturer of the certified type is the applicant.

Identification of the certified type Non-automatic electromechanical weighing instrument without lever works
Type: SARTOCOWAT

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 1992, including Amendment 1 (1994),
for accuracy class(es) **II**

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.

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Characteristics of the weighing modules:

Type	BD SI	BG SI
Accuracy Class	Ⓜ	Ⓜ
Maximum capacity Max	500 g - 6100 g	5 kg - 35 kg
Verification scale interval e	0,1 g - 1 g	1 g - 5 g
Scale interval d	0,01 g - 1 g	0,1 g - 5 g
Number n of verification scale intervals	≤ 61000	≤ 35000
Tare-balancing range	≤ 100% • Max	
Initial tare setting range	≤ 100% • Max	
Temperature range	+ 10 °C / + 30 °C	
Nominal capacity of the load receptor	7320 g	41 kg
Initial zero setting + dead load ¹⁾	≤ 6820 g	≤ 36 kg
Fraction of error limit p _i	p _i = 1,0	p _i = 1,0

¹⁾ The sum of maximum capacity, initial zero setting range and dead load shall not exceed the nominal load of the load receptor

With this 1st revision the type BD SI is amended by a variant with the following technical data:

Type	BD SI
Accuracy Class	Ⓜ
Maximum capacity Max	1 g ... 620 g
Verification scale interval e	0,01 g ... 0,1 g
Scale interval d	0,001 g ... 0,1 g
Number n of verification scale intervals	≤ 62000
Tare-balancing range	≤ 100% • Max
Initial tare setting range	≤ 100% • Max
Temperature range	+ 10 °C / + 30 °C
Nominal capacity of the load receptor	744 g
Initial zero setting + dead load ¹⁾	≤ 743 g
Fraction of error limit p _i	p _i = 1,0

¹⁾ The sum of maximum capacity, initial zero setting range and dead load shall not exceed the nominal load of the load receptor

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.



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With the 1st revision a variant of type BD SI was added. Furthermore a new housing material was added. The conformity was established by the results of tests and examinations provided in the associated Test Reports

No. M16-003-001-e that includes 49 pages
No. M16-003-002-e that includes 33 pages

The test results of the former test reports No. 4067210/1, No. 4067210/2, No. 4067210/3, No. 4067210/4, 4067210/5, 4067210/6, 4067210/7, 4067210/8 and 4067210/9 remain valid.

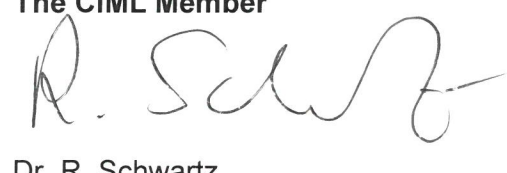
The Issuing Authority


K. Schulz
Member of Certification Body



08.07.2016

The OIML Member


Dr. R. Schwartz
Vice President

08.07.2016

Identification of the pattern (continued)

Non-automatic electromechanical weighing instrument designed as multi-interval and multiple range instrument.

The weighing ranges with Max, Min, e, d and number of verification scale intervals may be chosen in the limits of No. 3.2 of R 76-1 and considering the limiting values of the weighing modules.