

Member State of OIML  
Germany



OIML Certificate No.  
R76/2006-DE1-12.03

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

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

### Applicant



Name: Sartorius Weighing Technology GmbH  
Address: Weender Landstr. 94-108, 37075 Göttingen  
GERMANY

Manufacturer of the certified type is the applicant.

**Identification of the certified type** Non automatic electromechanical weighing instrument  
Type: SQP-A, SQP-B, SQP-C, SQP-D, SQP-E

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 class(es)  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.

The conformity was established by the Report 1.12-4057728 and the results of tests and examinations provided in the associated Test Reports

No. 1.12-4057728/1	that includes 38 pages
No. 1.12-4057728/2	that includes 38 pages
No. 1.12-4057728/4	that includes 38 pages
No. 1.12-4057728/4	that includes 36 pages
No. 1.12-4057728/5	that includes 47 pages
No. 1.12-4057728/6	that includes 38 pages
No. 1.12-4057728/7	that includes 39 pages
No. 1.12-4057728/8	that includes 48 pages
No. 1.12-4057728/9	that includes 39 pages
No. 1.12-4057728/10	that includes 48 pages
No. 1.12-4057728/11	that includes 42 pages
No. 1.12-4057728/12	that includes 51 pages

Technical data:

type	SQP-A	SQP-B	SQP-C
class	(I)	(II)	
Max	50 g ... 220 g	1 g ... 510 g	500 g ... 5100 g
e =	1 mg ... 2 mg	10 mg ... 100 mg	0,1 g ... 1 g
d =	0,1 mg ... 2 mg	1 mg ... 100 mg	0,01 g ... 1 g
n ≤	220000	51000	51000
Tare-balancing range ≤	100 % of Max	100 % of Max	100 % of Max
Temperature range	+ 17 °C / + 27 °C	+ 10 °C / + 30 °C	+ 10 °C / + 30 °C
Temperature range <sup>1)</sup>	+ 10 °C / + 30 °C	+ 10 °C / + 30 °C	+ 10 °C / + 30 °C
Nominal load of load receptor <sup>2)</sup>	230 g	530 g	5300 g
Initial zero-setting range + dead load ≤	180 g	529 g	4800 g

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type	SQP-D	SQP-E
class	(II)	
Max	500 g ... 2100 g	5000 g ... 5100 g
e =	0,1 g ... 0,2 g	1 g
d =	0,01 g ... 0,2 g	0,1 g ... 1 g
n ≤	21000	5100
Tare-balancing range ≤	100 % of Max	100 % of Max
Temperature range	+ 10 °C / + 30 °C	+ 10 °C / + 30 °C
Nominal load of load receptor <sup>2)</sup>	2300 g	5300 g
Initial zero-setting range + dead load ≤	1800 g	300 g

**The Issuing Authority**



Dr. O. Mack  
Head of Working Group

27.11.2012



**The OIML Member**



Dr. R. Schwartz  
Head of Division

27.11.2012

*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.