

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate N°  
**R76/1992-DE1-06.09**  
**Revision 1**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

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

### Applicant

Name: seca gmbh & co. kg  
Address: Hammer Steindamm 9-25  
22089 Hamburg  
Germany

Manufacturer of the certified type is the applicant.

**Identification of the certified type** Non-automatic electromechanical baby weighing instrument  
Types: M384x1, M385x1, M834x1, M834x1-I, M834x1-II, M835x1,  
M835x1-I, M835x1-II

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 classes (III), (IIII)

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.

# Physikalisch-Technische Bundesanstalt

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This Revision 1 has been issued because new variants of types M384x1 and M385x1 has been added. The conformity is established in the Report No. 1.12-4026397, Revision 1 (8 pages). The former Report No. 1.12-4026397 (7 pages) with Test Reports remains valid. The conformity was established by the results of tests and examinations provided in the associated Test Reports:

No. 1.12-4026397/5	that includes 39 pages
No. 1.12-4026397/6	that includes 38 pages
No. 1.12-4026397/7	that includes 39 pages
No. 1.12-4026397/8	that includes 38 pages

## The Issuing Authority

## The CIML Member

Dr. D. Ratschko  
 Oberregierungsrat

Dr. R. Schwartz  
 Direktor und Professor

12.03.2010

12.03.2010

## Identification of the pattern (continued)

The weighing instrument consists of a weighing platform with four strain gauge planar beam load cells, an indication for displaying the weighing result and membrane switches to operate the instrument.

The weighing ranges with Max, Min, e, d and number of verification scale intervals may be chosen within the limits of No. 3.2 of R 76-1 and of the Table 1.

Table 1

Type	M384x1 Multiple range instrument	M385x1 Multiple range instrument	M834x1 Multiple range instrument	M834x1-I	M834x1-II	M835x1 Multiple range instrument	M835x1-I	M835x1-II
Accuracy class								
Min (Min <sub>1</sub>   Min <sub>2</sub> )	0,2 kg   0,4 kg	0,4 kg   1,0 kg	0,1 kg   0,2 kg	0,1 kg	0,2 kg	0,2 kg   0,5 kg	0,2 kg	0,5 kg
Max (Max <sub>1</sub>   Max <sub>2</sub> )	10 kg   20 kg	20 kg   50 kg	10 kg   20 kg	10 kg	20 kg	20 kg   50 kg	20 kg	50 kg
e=d (e <sub>1</sub>   e <sub>2</sub> )	0,01 kg   0,02 kg	0,02 kg   0,05 kg	0,01 kg   0,02 kg	0,01 kg	0,02 kg	0,02 kg   0,05 kg	0,02 kg	0,05 kg
n	1000	1000	1000	1000	1000	1000	1000	1000
Tare balancing range, subtractive	Max <sub>1</sub>   Max <sub>2</sub>	Max <sub>1</sub>   Max <sub>2</sub>	Max <sub>1</sub>   Max <sub>2</sub>	Max	Max	Max <sub>1</sub>   Max <sub>2</sub>	Max	Max
Temperature range	+ 10 °C...+ 40 °C							
Platform size	synclinal 550 mm x 290 mm / rectangular platform 230 mm x 215 mm							

**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.