

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany



OIML Certificate N°
R76/1992-DE1-05.04
Revision 2

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: M375x1, M376x1, M376x2, BIS01A - E

Further characteristics see pages 2 - 3

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.

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This Revision 2 has been issued because new variants of types BIS01A – E with new electronic has been added. The conformity is established in the Report No. 1.12-4018840, Revision 2 (10 pages) and by tests described in the associated Test Reports No. 1.12-4018840/3 (51 pages) and 1.12-4018840/4 (40 pages). The test results of the former Test Reports No. 1.12-4018840/1 (48 pages) and 1.12-4018840/2 (15 pages) remain valid.

The Issuing Authority

Dr. D. Ratschko
Head of Department

07.10.2010

The CIML Member

Dr. R. Schwartz
Head of Division

07.10.2010

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 or 2.

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Table 1

Type	M375x1 Multi-interval instrument	M376x1 Multiple range instrument	M376x2 Multiple range instrument
Accuracy class	Ⓜ	Ⓜ	Ⓜ
Max (Max ₁ Max ₂)	10 kg 15 kg	7,5 kg 15 kg	7,5 kg 20 kg
Min (Min ₁ Min ₂)	0,1 kg	0,1 kg 0,2 kg	0,1 kg 0,2 kg
e=d (e ₁ e ₂)	0,01 kg 0,02 kg	0,005 kg 0,01 kg	0,005 kg 0,01 kg
n (n ₁ n ₂)	1000 750	1500 1500	1500 2000
Tare balancing range, subtractive	-10 kg	-15 kg	-20 kg
Platform sized	Synclinal 615 mm x 270 mm		
Temperature range	+ 10 °C ... + 40 °C		

Table 2

Type	Multiple range instrument				Single interval instrument
	BIS01A	BIS01B	BIS01C	BIS01D	BIS01E
Accuracy class	Ⓜ				
Max (Max ₁ Max ₂)	6 15 kg	5 12 kg	7,5 20 kg	7,5 15 kg	15 kg
Min (Min ₁ Min ₂)	0,04 0,1 kg	0,04 0,1 kg	0,1 0,2 kg	0,1 0,2 kg	0,1 kg
e=d (e ₁ e ₂)	0,002 0,005 kg	0,002 0,005 kg	0,005 0,010 kg	0,005 0,010 kg	0,005 kg
n (n ₁ n ₂)	3000 3000	2500 2400	1500 2000	1500 1500	3000
Tare balancing range, subtractive	Max ₂	Max ₂	Max ₂	Max ₂	Max
Platform sized	Synclinal 615 mm x 270 mm				
Temperature range	+ 10 °C ... + 40 °C				

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.