Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany

OIML Certificate No.
R76/1992-DE1-05.10
Revision 2

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

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 weighing instrument for persons Types: M704x2, M764x2, COS01A, COS01B, COS01C
	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 (III)

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.

R3-0033

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This Revision 2 has been issued because new variants of types COS01B and COS01C with new electronic has been added. The conformity is established in the Report No. 1.12-4017690, Revision 2 (11 pages). The metrology results of tests and examinations provided in the Test Reports No. 1.12-4017690/2 (51 pages) and 1.12-4017690/3 (38 pages).
The test results of the former Test Reports remains valid.

The Issuing Authority

Dr. O. Mack
Head of Working Group

31.10.2012

The CIML Member

Dr. R. Schwartz
Head of Division

31.10.2012

Identification of the pattern (continued)

The weighing instrument consists of a weighing platform with one strain gauge shear-beam load cell, an indication for displaying the weighing result and a membrane keyboard 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	M704x2	M764x2	COS01A
Accuracy class	(III)	(III)	(III)
Min	2 kg	2 kg	2 kg
Max	250 kg	250 kg	250 kg
e=d	0,1 kg	0,1 kg	0,1 kg
n	2500	2500	2500
Tare balancing range, subtractive	≤ 100 % of Max		--
Temperature range	10 °C ... 40 °C		
Platform medium sized	308 mm x 345 mm		

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Table 1 (continue)

Type	COS01B	COS01C
	Multiple range instrument	
Accuracy class	(III)	
Max (Max1 | Max2)	150 kg | 300 kg	150 kg | 250 kg
e=d= (e1 | e2)	0,05 kg | 0,1 kg	0,05 kg | 0,1 kg
n= (n1 | n2)	3000 | 3000	3000 | 2500
Subtractive tare balancing device	--	
Temperature range	10°C … 40°C	
Weighing platform (on average)	308 mm x 345 mm	