

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate N°  
**R76/1992-DE1-05.01**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

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

### 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 mechanical weighing instrument with lever system  
Types: M709x2 / M711x2

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.

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The conformity was established by the results of tests and examinations provided in the associated Report No. PTB-1.12-4016961 (9 pages), Test Report No. PTB-1.12-4016961/1 (25 pages) and Test Report No. PTB-1.12-4016961/2 (25 pages).

## The Issuing Authority

Dr. R. Schwartz  
Direktor und Professor

31.05.2005

## The OIML Member

Prof. Dr. M. Kochsiek  
Vizepräsident

31.05.2005

## Identification of the pattern (continued)

The weighing instruments consists of a weighing platform with lever system and a sliding weight device at eye level or at waist level for determining and reading the weighing result.

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	M709x2	M711x2
Accuracy class	Ⓚ	Ⓚ
Max	200 kg	220 kg
Min	2 kg	2 kg
e=d	100 g	100 g
n	2000	2200
Temperature range	+ 10 °C ... + 40 °C	
Platform medium sized	308 mm x 345 mm	
Reduction ratio R	1:13.2	1:33

**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.