

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany



OIML Certificate N°
R76/1992-DE1-07.06

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

Applicant

Name: Soehnle Professional GmbH & Co. KG
Address: Wilhelm-Soehnle-Straße 2,
71540 Murrhardt
Germany

Manufacturer of the certified type is the applicant.

Identification of the certified type

Non-automatic electromechanical weighing instrument with or without lever system
Type: 301x

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.

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The conformity was established by the results of tests and examinations provided in the associated Report No. 1.12-4030044 (10 pages) and Test Reports

No. 1.12-4030044/1 that includes 43 pages
No. 1.12-4030044/2 that includes 15 pages

The Issuing Authority

Dr. P. Zervos
Regierungsdirektor

23.08.2007

The OIML Member

Dr. R. Schwartz
Direktor und Professor

23.08.2007

Identification of the type (continued):

Design as flight baggage-, vehicle-, platform or container scale, wall-mounted or overhead track scale, with or without lever system, also as multi-interval or multiple range weighing instrument, introduces the force into one or more load cells.

The weighing ranges with Max, Min, verification scale interval and number of verification scale intervals may be selected taking into account the limiting values in Table 1, No. 3.2 and No. 3.3 of the associated Report in accordance with Nos. 2 and 3 of R76-1.

Due to the modular construction of the weighing instrument, the fractions of the error limit p_i of the individual modules must – in accordance with No. 3.5.4 of R76-1 - comply with the following condition: $1 \geq p_{i1}^2 + p_{i2}^2 + \dots + p_{in}^2$

Table 1

Accuracy class	(III)	(III)
Max	0.1 kg ... 120 t	0.1 kg ... 120 t
n ¹⁾	≤ 8000	≤ 1000
n _i ≤ ²⁾	≤ 8000 ³⁾	≤ 1000 ³⁾
Max / e ₁ ≤ ²⁾	³⁾	³⁾
Tare compensating range subtractive	100% of Max	
Preset tare range	100% of Max 100% of Max ₁ ²⁾	
Temperature range	-10 °C / +40 °C	

¹⁾ Valid for each range of single- and multiple range weighing instruments

²⁾ Valid for multi-interval instruments only

³⁾ acc. to the data of the load cells used

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.