

# Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML  
Germany



OIML Certificate N°  
**R51/1996-DE1-05.03**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

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

### Applicant

Name: Sartorius Aachen GmbH & Co. KG  
Address: Am Gut Wolf 11, 52070 Aachen

Manufacturer of the certified type is the applicant.

### Identification of the certified type

Automatic Catchweighing Instrument  
Types: EWK xyz WZG and SYNUS xx WZG

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):

**R51-1**, edition 1996  
for accuracy classes X(1) and Y(a)

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. 1.12-4017846 (10 pages) and Test Report No. 1.12-4017846/1 (61 pages).

## The Issuing Authority

Dr. R. Schwartz  
Direktor und Professor

2005-04-14

## The OIML Member

Prof. Dr. M. Kochsiek  
Vizepräsident

2005-04-14

## Identification of the type (continued)

Automatic electromechanical weighing instrument as catchweigher, checkweigher, postal scale and weigh or weigh-price labeller with or without lever work.

Accuracy class	X(1)	Y(a)
Mode of operation / weighing mode	Start-stop operation and operation in motion / Static and dynamic weighing	
Belt speed	$\leq 1,5 \text{ m/s}$	$\leq 1 \text{ m/s}$
Power supply voltage	230 V AC, 50/60 Hz	
Temperature range	0 °C / +40 °C	
Number n of verification scale intervals	$\leq 10000$	
Verification scale interval e	$0,1 \text{ g} \leq e \leq 2 \text{ g}$	
Maximum load Max	$\leq 20000 \text{ g}$	
Minimum load Min	$\geq 5 \text{ g}$	$\geq 20e$ $\geq 5e$ (for postal scales)

*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.