

Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany



OIML Certificate N°
R51/2006-DE1-09.01
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

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

Applicant

Name: Bizerba GmbH & Co. KG
Address: Wilhelm-Kraut-Str. 65, 72336 Balingen

Manufacturer of the certified type is the applicant.

Identification of the certified type

Automatic catchweighing instrument
Type: GLM-E

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 2006
for accuracy classes XIII(1), XIII(x ≥ 2), Y(a) and Y(b)

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-1.12-4040215 (pages 24)

and in the associated Test Reports

No. PTB-1.12-4040215/1 (pages 71)

No. PTB-1.12-4040215/2 (pages 76)

No. PTB-1.12-4040215/3 (pages 31)

The Issuing Authority

Dr. P. Zervos
Direktor und Professor

18.09.2009

The CIML Member

Dr. R. Schwartz
Direktor und Professor

18.09.2009

Identification of the pattern (continued)

Automatic electromechanical weighing instrument as

- catchweigher,
- weigh price labeller,
- weigh labeller or
- checkweigher,

equipped with

- a strain gauge load cell (SG-LC) with lever work

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and performed as

- single or multi-interval instrument or
- single or multiple range instrument.

Category	Y(a), Y(b)	XIII(1); XIII(x ≥ 2)
Maximum belt speed v_{max}	≤ 1.47 m/s	
Number n of verification scale intervals <small>(only for multiple range or multi-interval instruments)</small> <small>(only for single range / interval instruments)</small>	$\leq 6000 / 5000$ ≤ 5000	
Verification scale interval e	≥ 1 g	
Maximum load Max	≤ 15 kg	
Minimum load Min	≥ 20 g	≥ 50 g
Temperature range	0 °C / $+40$ °C	
Tare	$T \leq - 0.5 \cdot \text{Max}$	

Tab. 1: Technical data of the weighing instrument with the weighing modules of type WS10CW

Category	Y(a), Y(b)	XIII(1); XIII(x ≥ 2)
Maximum belt speed v_{max}	≤ 0.59 m/s for operation in motion	
	≤ 1 m/s for start-stop operation	
Number n of verification scale intervals <small>(only for multiple range or multi-interval instruments)</small> <small>(only for single range / interval instruments)</small>	$\leq 3000 / 3000$ ≤ 6000	
Verification scale interval e	≥ 1 g	
Maximum load Max	≤ 15 kg	
Minimum load Min	≥ 20 g	≥ 50 g
Temperature range	0 °C / $+40$ °C	
Tare	$T \leq - 0.4 \cdot \text{Max}$	

Tab. 2: Technical data of the weighing instrument with the weighing modules of type WS10E and WS20E

Category	Y(a), Y(b)	XIII(1); XIV(x ≥ 2)
Number n of verification scale intervals <small>for multi-interval/multiple range instruments</small>	≤ 3000 / 3000	
	≤ 6000 <small>for single-interval/single range instruments</small>	
Verification scale interval e	≥ 1 g	
Maximum load Max	≤ 15 kg	
Minimum load Min	≥ 20 g	≥ 50 g
Tare	T ≤ 0,4 • Max	

Tab. 3: Technical data of the weighing instrument with the weighing modules of type WS18

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