OIML Member State	OIML Certificate No.
Germany	**R51/2006-A-DE1-25.02**

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name:	Physikalisch-Technische Bundesanstalt, Conformity Assessment Body
Address:	Bundesallee 100, 38116 Braunschweig, GERMANY
Person responsible:	Dr.-Ing. Prof. h. c. Frank Härtig

Applicant

Name:	ESPERA-WERKE GMBH
Address:	Moltkestr. 17-33
	47058 Duisburg
	Deutschland

Manufacturer

Name:	ESPERA-WERKE GMBH
Address:	Moltkestr. 17-33
	47058 Duisburg
	Deutschland

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Type: ES-H

Designation of the module *(if applicable)*

Not applicable

This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 51   Edition (year): 2006

For accuracy class (if applicable): XIII(1), Y(a)

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. KBS 2-4.3-TER-06.02.03/0388#0001-0010 dated 25.08.2025 that includes 16 pages

The technical documentation relating to the identified type is contained in documentation file:

No. ZDS-R51/2006-A-DE1-25.02 dated 25.08.2025 that includes 2 pages

OIML Certificate History

Revision No.	Date	Description of the modification
0	2025-08-21	Initial certificate

Digital signature

The Issuing Authority

Daniela Marencke

Member of Conformity Assessment Body

Date: 25.08.2025

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 OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

Essential information of the instrument

The weighing ranges with Max, Min, verification scale intervals and number of verification scale intervals may be selected considering the limiting values for the weighing modules.

Weighing module type ESW 2805

Operating mode		Start-stop-operation	
Accuracy class		Y(a)	XIII(1)
Minimum load Min	g	$\geq 20e$	≥ 450
Verification scale interval e	g	≥ 5	≥ 5
Ratio of verification scale intervals	e_{i+1} / e_i	< 3	< 3
Maximum capacity Max	kg	≤ 25	
Number n of scale intervals		≤ 3000	
Number n_i of scale intervals		$\leq 3000 / 2500$	
Preset tare range	• Max [b]	$\leq 100\ \%$	
Tare-weighing range (subtractive)	• Max [b]	$\leq 100\ \%$	
Zero setting interval	min	$\leq 4/1g°•°e$	
Warm-up time	min	0	
Maximum plattform dimensions	mm	800 x 500	
Maximum belt speed	m / s	$\leq 1{,}00$	

[a] For each range of single- and multiple range instruments.

For each range of single- and multiple interval instruments.

[b] Max_1 for multi-interval instruments

Weighing module type ESW 2815

Operating mode		Start-stop-operation	
Accuracy class		Y(a)	XIII(1)
Minimum load Min	g	$\geq 20e$	≥ 450
Verification scale interval e	g	≥ 10	≥ 10
Verification scale interval e	e_{i+1} / e_i	< 3	< 3
Maximum capacity Max	kg	≤ 50	
Number n of scale intervals		≤ 3000	
Number n_i of scale intervals		$\leq 3000 / 2500$	
Preset tare range	• Max [b]	$\leq 100\ \%$	
Tare-weighing range (subtractive)	• Max [b]	$\leq 100\ \%$	
Zero setting interval	min	$\leq 4/1g° •°e$	
Warm-up time	min	0	
Maximum plattform dimensions	mm	800 x 500	
Maximum belt speed [c]	m / s	$\leq 1,00$ (L ≤ 25 kg) $\leq 0,75$ (L > 25 kg)	

[a] For each range of single- and multiple range instruments.

For each range of single- and multiple interval instruments.

[b] Max_1 for multi-interval instruments

[c] Depending on the load L