



Member State
Switzerland

OIML Certificate No.
No R076/2006-A-CH1-19.02 Rev. 7

OIML-CS CERTIFICATE ISSUED UNDER SCHEME A

Issuing authority

Name

Federal Institute of Metrology METAS
Conformity Evaluation Body METAS-Cert

Address

Lindenweg 50, 3003 Bern-Wabern, Switzerland

Person responsible

Gulian Couvreur, Head of METAS-Cert

Applicant

Name

Sartorius Lab Instruments GmbH & Co. KG

Address

Otto-Brenner-Strasse 20, 37079 Göttingen, Germany

Manufacturer

The manufacturer of the certified pattern is the applicant.

Identification of the certified type

**Precision balances BC-E and BC-A and variants of BC-E
(BSA Series)**

Type

BC-EI, BC-EJ, BC-AI, BC-AJ

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):



R 76-1, edition 2006

for accuracy class **II**

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.

Annex to the OIML-CS Certificate No R076/2006-A-CH1-19.02 Revision 7

Metrological characteristics

Type	BC-EI, BC-AI	BC-EJ, BC-AJ
Accuracy Class	(II)	
Max	5 000 g ... 8 200 g	5 000 g ... 8 200 g
e	1 g	1 g
d	0.1 g - 1 g	0.1 g - 1 g
n	≤ 8 200	≤ 8 200
Tare-balancing range	until 100% of Max	
Temperature range	+10 °C / +30 °C	
Nominal capacity of the load receptor	9 840 g	9 840 g
Initial zero setting + dead load ¹⁾	≤ 4 840 g	≤ 4 840 g
Maximum weighing pan size	180 mm x 180 mm	Ø 180 mm

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

No.	Date	Including pages
6030-1190 Revision 7	2025-08-28	13

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

Name	Date	Including pages
R076_2006-A-CH1-19.02_07_LERD_V03	2025-08-28	7

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OIML Certificate History:

Revision No.	Date	Description of the modification
00	2019-09-24	First issue
01	2020-09-21	Extension with the types BC-AI, BC-AJ
02	2020-11-03	Editorial changes
03	2021-04-15	Rebranding, change in design
04	2021-08-12	Version of software
05	2022-06-16	Version of software added, reinforcement of power connector (only in documentation)
06	2024-10-17	Change of the socket for power supply from SMD (Surface Mounted Device) to THT (Through Hole Technology). Therefore, modification of the mainboard has been conducted.
07	2025-08-28	Extension by variants of BC-E (BSA Serie: different colours, fewer applications).

The OIML Issuing Authority CH1

3003 Bern-Wabern, 2025-08-28

Approved by

Gulian Couvreur, Head of sector
METAS-Cert



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