

		
<b>OIML Member State</b> Denmark	<b>OIML Certificate No.</b> R76/2006-A-DK2-2023.04	
<b>OIML CERTIFICATE ISSUED UNDER SCHEME A</b>		
<b>OIML Issuing Authority</b> Name: <b>FORCE Certification A/S</b> Address: <b>Park Allé 345, 2605 Brøndby, Denmark</b> Person responsible: <b>Per Rafn Crety</b>		
<b>Applicant</b> Name: <b>CAS Corporation.</b> Address: <b>#262, Geurugogae-ro, Gwangjeok-myeon, Yangju-si, Gyeonggi-do Republic of Korea</b>		
<b>Manufacturer</b> <b>CAS (Zhejiang) Electronics Co. Ltd, China.</b> <b>CAS Corporation, Republic of Korea</b> <b>CAS Elektronik San. Tic. A.S., Turkey</b> <b>CAS Deutschland AG, Germany.</b>		
<b>Identification of the certified type</b> <i>(the detailed characteristics will be defined in the additional pages)</i> <b>CB-xxxC / CB-xxxE</b>		
<b>Designation of the module</b> <i>(if applicable)</i> <b>Non-automatic weighing instrument</b>		
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):  <b>OIML R 76-1, Edition (year): 2006</b>  For accuracy class (if applicable): <b>III</b>		

**OIML Certificate No.**  
**R76/2006-A-DK2-2023.04**

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 reports:

Test report TR-768 / NMO, dated 26 October 2018 that includes 25 pages

Type examination report: No. 120-29933.10, dated 19 May 2022, that includes 83 pages

Type evaluation report: No. 120-29933.90.40, dated 19 June 2023, that includes 20 pages

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

119-23195.90.65

120-29933

**OIML Certificate History**

<b>Revision No.</b>	<b>Date</b>	<b>Description of the modification</b>
Initial version	27 September 2023	-

Identification, signature and stamp

**The OIML Issuing Authority**

FORCE Certification A/S

Date: 27 September 2023

Jens Hovgård Jensen

Certification Manager

*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.

## Descriptive annex

### Characteristics CB-xxxC / CB-xxxE

• Accuracy class	III
• Single interval, multi interval (dual)	
• Maximum number of verification scale intervals:	3000 or 2x3000
• Maximum capacity (Max):	60 kg / 150 kg / 300 kg
• Minimum capacity (Min):	$20 \times e_i$
• Verification scale interval( $e_i$ ):	$Max_i / n_i$
• Minimum input voltage per VSI:	1.2 $\mu$ V/e
• Excitation voltage:	3.3 VDC
• Minimum input impedance:	350 ohm
• Maximum input impedance:	1000 ohm
• Power supply:	5.9 VDC from external mains adapter for 100-240VAC Optional 4,8 VDC rechargeable battery Optional dry cell batteries, 4x1.5VDC
• Maximum tare effect:	$\leq -29.99$ kg or $\leq -59.98$ kg or $\leq -149.95$ kg
• Temperature range.	-10 °C to +40 °C

### Software

The software is designated "V1.xx".

This information is displayed at power up and can be displayed in one of the following ways:

"V1.xx" or "u1.xx" or "U1.xx" or

"V 1.xx" or "u 1.xx" or "U.1.xx" or

"V1xx" or "u1xx" or "U1xx" or

"v 1xx" or "u 1xx" or "u 1xx"

V can be displayed as u or U on a segment display.

xx represents minor non-legal changes and can be number, characters, symbol or left blank.

### Metrological characteristics

Model	CB-60C / CB-60E	CB-150C / CB-150E	CB-300C / CB-300E
Max	30/60 kg	60/150 kg	150/300kg
e =	10/20 g	20/50 g	50/100 g
T $\leq$	-29.99 kg	-59.98 kg	-149.95 kg
$E_{max}^*)$	60 kg	150 kg	300 kg

\*)  $E_{max}$  in the above table refers to the actual measuring range and does not include the dead load for the instrument nor positive initial zero-setting range

### Devices

- Initial zero setting device ( $\leq 20\%$  of Max)
- Semi-automatic zero setting device ( $\leq 4\%$  of Max)
- Automatic zero setting ( $\leq 4\%$  of Max)
- Zero tracking device ( $\leq 4\%$  of Max)
- Semi-automatic subtractive tare weighing device
- Label Printing
- Multi-vendor operation
- Stable equilibrium, Zero and Net indicators.
- Gravity compensation.

### Interfaces

- RS232C
- USB
- RS485
- Bluetooth

The interfaces do not have to be secured.

