



OIML Member State  
Denmark

OIML Certificate No.  
R76/2006-A-DK2-2023.02 Rev. 1

**OIML CERTIFICATE ISSUED UNDER SCHEME A**

**OIML Issuing Authority**

Name: **FORCE Certification A/S**  
Address: **Park Allé 345, 2605 Brøndby, Denmark**  
Person responsible: **Per Rafn Crety**

**Applicant**

Name: **CAS Corporation.**  
Address: **#262, Geurugogae-ro,  
Gwangjeok-myeon,  
Yangju-si, Gyeonggi-do  
Republic of Korea**

**Manufacturer**

**CAS (Zhejiang) Electronics Co. Ltd, China.  
CAS Corporation, Republic of Korea  
CAS Elektronik San. Tic. A.S., Turkey  
CAS Deutschland AG, Germany.**

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

**CT100N series**

**Designation of the module** (*if applicable*)

**Non-automatic weighing instrument**

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 76-1, Edition (year): 2006**

For accuracy class (if applicable): **III**

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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 SN 1180 / NMO, dated 09 September 2011 that includes 41 pages

Test report SN 1199 / NMO, dated 25 January 2012 that includes 17 pages

Type examination report: No. 121-31870.10, dated 17 June 2022, that includes 98 pages

Type examination report: No. 122-29388.10 Rev. 1, dated 23 February 2023, that includes 40 pages

Type evaluation report: No. 122-29388.90.20 Rev. 1, dated 29 March 2023, that includes 21 pages

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

119-23195.90.20

**OIML Certificate History**

Revision No.	Date	Description of the modification
Initial version	25 April 2023	-
Revision 1	23 May 2023	New revision of type examination and evaluation report

Identification, signature and stamp

**The OIML Issuing Authority**

FORCE Certification A/S

Date: 23 May 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

Type:	CT100N series
Accuracy class:	III
Weighing range:	Single-interval, multi-interval (dual)
Maximum number of Verification Scale Intervals:	3000 or 2x3000
Maximum capacity (Max):	3 kg to 30 kg
Minimum capacity (Min):	$20 \times e$
Verification scale interval(e):	$\geq 1$ g
Maximum tare effect:	$\leq -2.999$ kg or $\leq -6.000$ kg or $\leq -5.998$ kg or $\leq -9.995$ kg or $\leq -30.00$ kg or
Mains power supply:	230 VAC (50/60 Hz) internal 12 VDC rechargeable battery
Operational temperature:	-10 °C to +40 °C

### Software

The software is designated “YYV1xxZ” or “YYV2xxZ”, where

- xx is reflecting non-legally relevant changes and may be numbers, letters, symbols or blank,
- YY is a 2-digit country code and may be numbers, letters, symbols or blank
- Z is a function code and may be numbers, letters, symbols or blank

This information is displayed at power up.

### Metrological characteristics

Model	CT100N					
Max	3/6 kg	6 kg	6/15 kg	15 kg	15/30 kg	30 kg
Min	20 g	40 g	40 g	100 g	100 g	200 g
e =	1/2 g	2 g	2/5 g	5 g	5/10 g	10 g
T ≤	-2.999 kg	-6.000 kg	-5.998 kg	-9.995 kg	-9.995 kg	-30.00 kg
E <sub>max</sub> <sup>*)</sup>	6 kg	6 kg	15 kg	15 kg	30 kg	30 kg

<sup>\*)</sup> E<sub>max</sub> 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)
- Zero tracking device ( $\leq 4\%$  of Max)
- Semi-automatic subtractive tare weighing device
- Preset tare
- Label Printing
- Multi-vendor operation
- Stable equilibrium, Zero and Net indicators.
- Gravity compensation.
- PLU tables
- Totalization

### Interfaces

- RS232C
- Cash drawer
- USB Device
- USB Host
- RS485
- ZigBee
- Wired LAN
- Wireless LAN

The interfaces do not have to be secured.

