



OIML Member State
Denmark

OIML Certificate of Conformity No.
R76/2006-A-DK2-2021.04

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: **FORCE Certification A/S**
Address: **Park Allé 345, 2605 Brøndby, Denmark**
Person responsible: **Leif Madsen**

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*)

CN1

Designation of the module (*if applicable*)

Non-automatic electronic 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**

**OIML Certificate No.
R76/2006-A-DK2-2021.04**

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:

Type examination report: No. 120-36461.10 dated 10 March 2021, that includes 40 pages

Type examination report: No. SN1381 dated 22 May 2017, that includes 15 pages

Type examination report: No. SN1340 dated 07 January 2016, that includes 40 pages

Type examination report: No. SN1180 dated 09 September 2011, that includes 41 pages

Type evaluation report: No. 120-36461.90.20 dated 24 March 2021, that includes 20 pages

The technical documentation relating to the identified type is contained in documentation file:
120-36461

OIML Certificate History

Revision No.	Date	Description of the modification
Initial version	09 April 2021	-

Identification, signature and stamp

The OIML Issuing Authority

FORCE Certification A/S

Date: 09 April 2021

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

- Accuracy class III
- Single interval, multi interval (dual)
- Maximum number of verification scale intervals: 3000 or 2x3000
- Maximum capacity (Max): 6 kg to 30 kg
- Minimum capacity (Min): $20 \times e$
- Verification scale interval(e): $\geq 1 \text{ g}$
- Maximum tare effect: $\leq -2.999 \text{ kg}$ or $\leq -2.998 \text{ kg}$ or $\leq -5.998 \text{ kg}$ or $\leq -5.995 \text{ kg}$ or $\leq -9.995 \text{ kg}$ or $\leq -14.99 \text{ kg}$
- Temperature range: $-10 \text{ }^\circ\text{C}$ to $+40 \text{ }^\circ\text{C}$
- Power supply: 100-240 VAC 50/60Hz

Model variants and designation

Model	CN1					
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 \leq	-2.999 kg	-2.998 kg	-5.998 kg	-5.995 kg	-9.995 kg	-14.99 kg
E _{max} *)	6 kg	6 kg	15 kg	15 kg	30 kg	30 kg

*) E_{max} in the above table refers to the actual measuring range and does not include the dead load for the instrument

The load cell fitted in the instrument is a CAS load cell, model TPN according to the table above

Software

The software is designated “YY V3.xx.xx.ZZZZZ”, where

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

This information is displayed at power up and in the menu.

Access to the legally relevant parameters and download of software is only possible by accessing the calibration switch on the main board.

Sealing

Access to the load cell, electronics and calibration switch is prevented by sealing of the enclosure by wire and seal or a tamperproof sticker.

Devices

- Initial zero setting device ($\leq 20\%$ of Max)
- Semi-automatic zero setting device ($\leq 4\%$ of Max)
- Automatic zero setting device ($\leq 4\%$ of Max)
- Zero tracking device ($\leq 4\%$ of Max)
- Zero indicator
- Net indicator
- Stable weight indicator
- Semi-automatic subtractive tare weighing device
- Preset tare
- Gravity compensation
- Price-computing
- Totalisation (including non-weighed items)
- PLU
- Fixed weight labelling
- Multi-vendor operation
- Self-service operation
- Calibration / set-up mode via sealed internal switch

Interfaces

- RS232
- Cash drawer
- USB
- Ethernet
- Wifi