

OIML Member State United Kingdom of Great Britain and Northern Ireland	OIML Certificate No. R76/2006-A-GB1-18.17
OIML CERTIFICATE ISSUED UNDER SCHEME A	
OIML Issuing Authority	NMO Stanton Avenue Teddington TW11 0JZ United Kingdom
Person responsible:	Mannie Panesar – Head of Technical Services
Applicant	CAS Corporation #262, Geurugogae-ro Gwangjeok-myeon Yangju-si Gyeonggi-do Republic of Korea
Manufacturer	The applicant
Identification of the certified type	SWII PLUS Series <i>(the detailed characteristics are defined in the Descriptive Annex)</i>
<p>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):</p> <p>OIML R 76-1, Edition: 2006</p> <p>For accuracy class: III</p>	
<p>Issue date: 08 November 2018</p> <p>The OIML Issuing Authority</p>  <p>Grégory Glas Lead Technical Manager <i>For and on behalf of the Head of Technical Services</i></p>	

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. P02525 dated 08 November 2018 that includes 16 pages

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

No. P02525-D dated 08 November 2018

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	08 November 2018	Certificate first issued.
-	-	-

No revisions have been issued.

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 of the instrument:

This family of instruments is designated the SWII PLUS Series, and comprises the SWII-CW and SWII-EW models. The instruments are Class III, mains- or battery-operated, self-indicating, single or dual-interval, waterproof, non-automatic weighing instruments. The instruments may be used for direct sales to the public.

Main features:

- Plastic construction
- Operator's keypad
- Stainless steel load receptor
- Front LCD (SWII-CW) or LED (SWII-EW) display
- Optional rear LCD (SWII-CW) or LED (SWII-EW) display
- Waterproof enclosure
- Operator keypad
- Level indicator

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
- Unit change (g, kg)
- Stable weight indicator
- Semi-automatic subtractive tare balancing device
- Gravity compensation
- Piece counting
- Hold function
- Checkweighing
- 3-point calibration

Interfaces:

- The instrument has no interfaces.

Load cell:

The instrument is fitted with one CAS load cell, model SWII, E_{\max} as per following table.

Technical data:

The instruments may be fitted with the following power supplies:

- 100 to 240 Vac (50/60 Hz) mains power supply (9 VDC)
- Integrated Pb 6V/3.2Ah battery
- 4 x 1.5 V dry battery (D type)

The temperature range for the instruments is $-10\text{ }^{\circ}\text{C}$ / $+40\text{ }^{\circ}\text{C}$.

Max (kg)	1.5/3	3	3/6	6	6/15	15	15/30	30
Min (g)	10	20	20	40	40	100	100	200
e = (g)	0.5/1	1	1/2	2	2/5	5	5/10	10
T≤	- 1.4995	-3	-2.999	-6	-5.998	-15	-14.995	-30
E _{max} (kg)	3	3	6	6	15	15	30	30

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

Software:

The software is designated V4.xx, with xx reflecting minor, non-legally relevant modifications. This information is displayed at power up.

Access to the legally relevant parameters is only possible by accessing the calibration switch on the main board. Access to this calibration switch and download of software is prevented by sealing the enclosure (Section Sealing).

Sealing:

Access to the load cell, electronics and calibration switch is prevented by a tamper-evident seal on the base of the instrument.

Alternatives:

Having the instruments manufactured by the following companies:

Shanghai CAS Electronics Co., Ltd,
Maixinroad 448, Xinqiaozhen, Songjiangqu,
Shanghai, China

CAS Elektronik San. Tic. A.S.
Yukari Dudulu, Bostanci Cad. Mevdudi Sokak No: 34
Umraniye-Istanbul, Turkey

CAS (Zhejiang) Electronics Co., Ltd
99# Changjiang Road
Jiashan County
Zhejiang Province, China