

	
<b>OIML Member State</b> United Kingdom of Great Britain and Northern Ireland	<b>OIML Certificate No.</b> <b>R76/1992-A-GB1-19.01</b>
<b>OIML CERTIFICATE ISSUED UNDER SCHEME A</b>	
OIML Issuing Authority	<b>NMO</b> <b>Stanton Avenue</b> <b>Teddington</b> <b>TW11 0JZ</b> <b>United Kingdom</b>
Person responsible:	<b>Mannie Panesar – Head of Technical Services</b>
Applicant	<b>CAS Corporation</b> <b>#262, Geurugogae-ro</b> <b>Gwangjeok-myeon</b> <b>Yangju-si</b> <b>Gyeonggi-do</b> <b>Republic of Korea</b>
Manufacturer	<b>The applicant</b>
Identification of the certified type	<b>SWII and PRII</b> <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><b>OIML R 76, Edition: 1992</b></p> <p>For accuracy class: III</p>	
<p>Issue date: 14 August 2019</p> <p><b>The OIML Issuing Authority</b></p>  <p><b>Grégory Glas</b>  <b>Lead Technical Manager</b>  <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. P02626 dated 14 August 2019 that includes 13 pages

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

No. P02626-D dated 14 August 2019

#### **OIML Certificate History**

<b>Revision No.</b>	<b>Date</b>	<b>Description of the modification</b>
0	14 August 2019	OIML 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 and PRII Series, and comprises the SWII, PRII-B, PRII-P and PRII-U models and their variants. The instruments are Class III, mains- or battery-operated, self-indicating, single or dual-interval, non-automatic weighing instruments.

The SWII and PRII instruments may be used for direct sales to the public.

### Model variants and designation:

Model	Type	Display	Variant designation	Remarks
SWII	B type (front and rear integral displays)	LCD	SWII-C	
		LED	SWII-E	
PRII	B type (front and rear integral displays)	LCD	PRII-CB	Direct PLU keypad
		LED	PRII-EB	
	P type (front and rear pole-mounted displays)	LCD	PRII-CP	
		LED	PRII-EP	
	U type (front integral and rear pole-mounted displays)	LCD	PRII-CU	
		LED	PRII-EU	

### Construction:

- Plastic construction
- Operator's keypad
- Plastic (SWII) or stainless steel (SWII and PRII) load receptor
- Dual, integral or pole-mounted, LCD or LED display
- Operator keypad
- Level indicator

### 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)
- Zero indicator
- Net indicator
- Unit change (g, kg)
- Stable weight indicator (SWII)
- Semi-automatic subtractive tare balancing device
- Gravity compensation
- Price-computing (PRII)

- Totalisation (PRII)
- PLU (PRII)
- Piece counting (SWII)
- Hold function (SWII)
- Checkweighing (SWII)

Load cell:

The load cell is a CAS load cell, model SWII, capacities ( $E_{max}$ ) as per table in Section Technical data.

Technical data:

Model	SWII, PRII					
Max (kg)	1.5/3	3	3/6	6	6/15	15
Min (g)	10	20	20	40	40	100
e = (g)	0.5/1	1	1/2	2	2/5	5
T ≤	- 1.4995	-2.999	-2.999	-5.998	-5.998	-14.995
$E_{max}$ (kg)	3	3	6	6	15	15

Model	SWII		PRII			
Max (kg)	15/30	30	15/30	30	15/32	32
Min (g)	100	200	100	200	100	200
e = (g)	5/10	10	5/10	10	5/10	10
T ≤	-14.995	-29.990	-14.995	-29.990	-14.995	-29.990
$E_{max}$ (kg)	30	30	30	30	32	32

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

Rated operating conditions:

The temperature range for the instrument is -10 °C / +40 °C.

The instruments are fitted with the following power supplies:

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

Software:

The software is designated V1.xx, with xx reflecting minor, non-legally relevant modifications. This information is displayed at power up.

Software download using the communication ports is only possible via the ICP interface (connector CON1), and is protected by switches on main board.

The legally relevant parameters can only be accessed via the calibration switch.

Interfaces

- RS232C
- USB

Sealing:

Access to the load cell, electronics, calibration and software download switches must be secured via a tamper-evident solution bearing a securing mark.

Alternatives:

Having the following alternative manufacturers:

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