



NMO



Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R76/1992-GB1-16.02
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**
Person responsible: **Max Linnemann – Head of Certification Body**
Applicant: **CAS Corporation
#262, Geurugogae-ro
Gwangjeok-myeon
Yangju-si, Gyeonggi-do
Republic of Korea**
Manufacturer: **The applicant**
Identification of the certified pattern: **SWII and PRII**

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organisation of Legal Metrology (OIML):

OIML R 76 - Edition 1992(E) for accuracy class: [III]

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

This revision replaces previous versions of the certificate.

Issue Date: **17 November 2016**
Reference No: **TS1201/0158**

G Stones
Technical Manager

For and on behalf of the Head of Certification Body

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The conformity was established by testing and examinations described in the associated Evaluation Report P01844 which includes 13 pages.

Characteristics of the instrument:

This family of instruments is designated the SWII and PRII Series, and comprises the SWII, PWII-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 instruments shall not be used for direct sales to the public.

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

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)

Interfaces:

- RS232C
- USB

Load cell:

The load cell is a CAS load cell, model SWII, capacities (E_{max}) as per table next page.

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	

Technical data:

Model	SWII, PRII							
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	-2.999	-2.999	-5.998	-5.998	-14.995	-14.995	-29.990
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.

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.

Sealing measures:

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

Alternatives 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

CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-16.02	19 April 2016	Certificate first issued.
R76/1992-GB1-16.02 Revision 1	17 November 2016	Section Technical data: Tare values were listed. Cert number corrected in CERTIFICATE HISTORY