

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

OIML Certificate No  
R76/1992-GB1-12.01  
Revision 3

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**  
Person responsible: **Paul Dixon – Product Certification Manager**  
Applicant: **CAS Corporation  
#262, Geurugogae-ro  
Gwangjeok-myeon  
Yangju-si  
Gyeonggi-do  
Republic of Korea**  
Manufacturer: **The applicant**  
Identification of the certified pattern: **CT100 Series**

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 earlier versions of the certificate.

**Issue Date: 19 September 2014**  
**Reference No: TS1201/0037**



**Signatory: P R Dixon  
for Chief Executive**

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The conformity was established by tests and examination described in the associated pattern evaluation report P00850 which includes 13 pages.

### **Characteristics of the instruments:**

This family of instruments is designated the CT100 Series, and comprises the CT100-B, CT100-P and CT100-R models.

The instruments are Class III, mains-operated, self-indicating, price-computing, single or dual-interval, non-automatic weighing instruments. The instruments are designed to be used for direct sales to the public.

#### Construction:

- Plastic construction
- Operator's keypad
- Stainless steel load receptor
- Operator LCD display
- Pole-mounted customer LCD display
- Level indicator
- Integrated printer (CT100-B and CT100-P models: base-mounted, CT100-R model: pole-mounted)

#### 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, around Gross or Net zero)
- Zero indicator
- Net indicator
- Stable weight indicator
- Semi-automatic subtractive tare weighing device
- Gravity compensation
- Price-computing
- Totalisation (including non-weighed items)
- PLU
- Fixed weight labelling
- Multi-vendor operation
- Calibration / set-up mode via sealed internal switch

#### Load cell:

The load cell is a CAS load cell, model TP, capacities as per following table.

Technical data:

The instrument operates on a 230 Vac (50/60 Hz) mains power supply, and may also operate on an internal rechargeable 12V Battery.

Model	CT100-B, CT100-P, CT100-R					
Max (kg)	3 / 6	6	6 / 15	15	15 / 30	30
Min (g)	20	40	40	100	100	200
e = (g)	1 / 2	2	2 / 5	5	5 / 10	10
T ≤ (kg)	- 6	- 6	- 15	- 15	- 30	- 30
E <sub>max</sub> (kg)	6	6	15	15	30	30

Note: E<sub>max</sub> 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.

Interfaces (some may be optional):

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

Software:

The software is identified by its version number (displayed at power-up) and shall be 1.xx, with xx reflecting non-legally relevant modifications. Download of software is not possible without breaking the seal described below.

Sealing measures:

The load cell, EPROM and calibration switch are protected by sealing the enclosure via a wire-and-seal or tamper-evident label solution.

Alternatives:

The instrument may be fitted with a Preset Tare device, the semi-automatic tare device is in this case a balancing tare device, with Tare and Preset Tare values limited to Max<sub>1</sub>.

CT100 PLUS, fitted with a modified integrated printer (CT100 PLUS-B and CT100 PLUS-P models).

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

**Certificate History**

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-12.01	12 January 2012	Certificate first issued
R76/1992-GB1-12.01 rev 1	12 March 2012	Preset Tare device allowed.
R76/1992-GB1-12.01 rev 2	06 August 2012	Alternative manufacturers added.
R76/1992-GB1-12.01 rev 3	19 September 2014	<p>Applicant's address changed from 19 Ganap-Ri Gwangjuk-Myoun Yangju-Si Gyeonggi-Do 482-841 Republic of Korea</p> <p>Alternative manufacturers section: Zhejiang CAS Electronics Co., Ltd. Building NO.99, Changjiang Road, Huimin Street Jiashan County, Zhejiang Province China</p> <p>Changed to: CAS (Zhejiang) Electronics Co., Ltd 99# Changjiang Road Jiashan County Zhejiang Province China</p> <p>Software section added. Sealing section clarified. CT100 PLUS alternative added.</p>