



National  
Measurement &  
Regulation Office



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

OIML Certificate No  
R76/1992-GB1-10.05  
Revision 1

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement and Regulation Office**  
Person responsible: **Paul Dixon – Director, Certification Services**  
Applicant: **CAS Corporation  
#262, Geurugogae-ro  
Gwangjeok-myeon  
Yangju-si  
Gyeonggi-do  
Republic of Korea**  
Manufacturer: **The applicant**  
Identification of the  
certified pattern: **PB 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 previous versions of the certificate.

Issue Date: **12 May 2015**  
Reference No: **T1128/0257**

**G Stones**  
**Technical Manager - Certification Services**  
*For and on behalf of the Chief Executive*



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The NMRO is an Executive Agency of the Department for Business Innovation and Skills

The conformity was established by testing and examination described in the associated Evaluation Report P00355 which includes 13 pages.

Manufacturer of the certified pattern is the Applicant, or 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

### **Characteristics of the instrument:**

The instrument is a PB Series, PB Model, Class III, mains-operated, self-indicating, dual-interval, non-automatic weighing instrument.

Main features:

- Stainless steel frame
- PVC sheet load receptor
- Indicator comprising LCD display and keypad
- Level indicator and adjustable feet
- Construction variant: wall mounted 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
- Semi-automatic subtractive tare balancing device
- Net indicator
- Gravity compensation
- Totalisation
- Hold function
- Low battery indicator

Load cell: The load cell is CAS load cell, model BCS.

Technical data: The instrument may operate on a 12 VDC / 1.25 AH power supply via a mains adaptor, any CE-mark adaptor may be used.

A rechargeable 6 V DC / 1.3 AH battery may also be fitted to the instrument, or 4 x 1.5 V (type C) standard non-rechargeable batteries.

Temperature-range: -10 to +40 °C

Metrological characteristics:

| Model            | PB        |           |           |            |
|------------------|-----------|-----------|-----------|------------|
| Max              | 15/30 kg  | 30/60 kg  | 60/150 kg | 100/200 kg |
| Min              | 100 g     | 200 g     | 400 g     | 1 kg       |
| e =              | 5/10 g    | 10/20 g   | 20/50 g   | 50/100 g   |
| T                | -14.995 g | -29.990 g | -59.980 g | -99.950 g  |
| E <sub>max</sub> | 50 kg     | 100 kg    | 250 kg    | 250 kg     |

Interfaces: The instrument may have a number of RS232 ports

#### CERTIFICATE HISTORY

| ISSUE NO.                        | DATE             | DESCRIPTION  |
|----------------------------------|------------------|--|
| R76/1992-GB1-10.05               | 11 February 2010 | Certificate first issued.  |
| R76/1992-GB1-10.05<br>Revision 1 | 12 May 2015      | Applicant's address changed from :<br>19 Ganap-Ri<br>Gwangjuk-Myoun<br>Yangju-Si<br>Gyeonggi-Do 482-841<br>Republic of Korea<br><br>Alternative manufacturer (CAS<br>(Zhejiang) Electronics Co., Ltd) added. |