



**United Kingdom of Great Britain
and Northern Ireland**

**OIML Certificate No
R76/1992-GB1-10.05**

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory
(Part of the National Measurement Office)**
Address: **Stanton Avenue
Teddington
Middlesex
TW11 0JZ
United Kingdom**

Person responsible:

Paul Dixon - Product Certification Manager

Applicant

Name: **CAS Corporation**
Address: **19 Ganap-Ri
Gwangjuk-Myoun
Yangji-Si
Gyeonggi-Do 482-841
Republic of Korea**

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

Identification of the certified pattern:

PB Series, PB Model, non-automatic weighing instrument

Further characteristics see page 2

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 Organization of Legal Metrology (OIML):

OIML:	R76
Edition:	1992 (E)
Accuracy class:	III

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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.

The conformity was established by tests described in the associated:

NWML Test report:	SN 1130	having 46 pages
Pattern evaluation report:	P00355	having 13 pages

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 11 February 2010

Ref: T1128/0257

Characteristics: 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.

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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 _{max}	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.
-	-	No revisions have been issued.

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