



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

**OIML Certificate No
R76/1992-GB1-07.12**

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory**
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:

**CASTON Series non-automatic weighing instruments
Further characteristics see page 2**

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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

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:

Test reports:	SN:1026 having 10 pages TR: 523 having 32 pages
Pattern evaluation checklist:	G20128 having 12 pages

The issuing authority



Mr P R Dixon

The CIML member



Mr P Mason

Date: 03 December 2007
Ref: T1128/0110

Characteristics: This instrument is a Class III, battery powered, self-indicating, single-interval, non-automatic weighing instrument (crane scale), designated the CASTON Series. The Series comprises the CASTON II and CASTON III models.

Main features:

- Steel construction
- Operator's keypad
- "One-Module" weighing module
- LCD or LED display
- Upper lift eye bolt and lower hook

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Devices:

- Initial zero setting device on power up
- Semi-automatic zero setting
- Zero tracking
- Semi-automatic subtractive tare balancing
- Zero-indicator
- Indication of stable equilibrium
- Net indicator
- Hold function
- Gravity compensation

Load cell:

- CAS type SS described in R60/2000-GB1-07.06
- Any compatible load cell meeting the conditions specified in 2.1.3.2 of Certificate UK/2832

Metrological characteristics:

Model	CASTON II				
Max (kg)	500	1000	2000	3000	5000
Min (kg)	4	10	20	20	40
e (kg)	0.2	0.5	1	1	2
T (kg)	500	1000	2000	3000	5000
Load cell capacity (kg) *			2500	3500	6000

Model	CASTON III				
Max (kg)	500	1000	2000	3000	5000
Min (kg)	4	10	20	20	40
e (kg)	0.2	0.5	1	1	2
T (kg)	500	1000	2000	3000	5000
Load cell capacity (kg) *	-	-	2500	3500	6000

Model	CASTON III					
Max (kg)	10000	15000	20000	30000	50000	60000
Min (kg)	100	100	200	200	400	400
e (kg)	5	5	10	10	20	20
T (kg)	10000	15000	20000	30000	50000	60000
Load cell capacity (kg) *	-	-	-	-	-	-

* : when an SS load cell is used.

Technical data:

Power supply	5 Vdc
Maximum number of scale intervals	3000
Load cell excitation voltage	5 Vdc
Minimum load cell impedance	350 Ω
Maximum load cell impedance	1000 Ω
Minimum input voltage per verification scale interval	1.2 μ V
Measuring range minimum voltage	3.6 mV
Measuring range maximum voltage	10 mV
Fraction of maximum permissible error	$P_{ind} = 0.5$
Operating temperature range	- 10 °C to + 40 °C
Load cell cable (from One-Module to load cell junction box)	Maximum length = 3m

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