



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

OIML Certificate No
 R60/2000-GB1-08.06

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory**
 Address: **Stanton Avenue
 Teddington
 Middlesex
 TW11 0JZ
 United Kingdom**

Person responsible: **Gavin Stones – Deputy Product Certification Manager**

Applicant

Name: **CAS Corporation**
 Address: **#19 Ganap-ri
 Gwangjuk-Myoun
 Yangju-Si
 Gyeonggi-Do 482-841
 Rep. of Korea**

Manufacturer of the certified pattern is:

The applicant

Identification of the certified pattern:

Aluminium (2024T4) bending single point load cell

Model Designation	BCB-xxxL, where xxx relates to the load cell capacity									
Maximum capacity, E_{max}	200	300	350	400	500	600	700	750	800	1000
Accuracy class	C3									
Maximum number of load cell intervals, n_{max}	3000									
Minimum verification interval, V_{min}	$E_{max} / 7500$									
Apportionment factor; p_{LC}	0.7									

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):

R 60 Metrological regulation for load cells Edition: 2000 (E) for accuracy class: C3

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 report: N° SN1052 which includes 24 pages.

Issuing authority

CIML member



Mr G Stones
for NWML



Mr P Mason

Date 13 June 2008

Ref: T1136/0024

Table 1: Essential technical data

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C3	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	3000	
Maximum capacity	E_{max}	200, 300, 350, 400, 500, 600, 700, 750, 800, 1000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	7500	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	5000	
Rated output		$1.5 \pm 10\%$	mV/V
Maximum excitation voltage		15	V dc
Input impedance (for strain gauge LCs)	R_{LC}	400 ± 20	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Cable length		3	m
Additional characteristics		4- or 6-wire (plus sheild)	

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