



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

**OIML Certificate No
R60/2000-GB1-10.02**

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: **Jinan Jinzhong Electronic Scale Co. Ltd**
Address: **147 Yingxiongshan Road
Jinan
China**

Manufacturer of the certified pattern is:

The applicant

Identification of the certified pattern:

**Beam Compression Load Cell Type B-XA
Further characteristics see page 2.**

Model Designation	B-XA
Maximum capacity, E_{\max} (kg)	40, 50, 60, 80, 90, 100, 120, 150, 200
Accuracy class	C3
Maximum number of load cell intervals, n_{\max}	3000
Minimum verification interval, v_{\min}	$E_{\max} / 6667$
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):

**OIML Certificate No
R60/2000-GB1-10.02**

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 evaluation report: SN: 1139 having 21 pages.

Issuing authority

CIML member




Mr P R Dixon
for NWML

Mr P Mason

Date: 27 May 2010

Ref: T1136/0046

Essential technical data

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C3	
Additional marking		NH	
Maximum number of load cell verification intervals	n_{LC}	3000	
Maximum capacity	E_{max}	40, 50, 60, 80, 90, 100, 120, 150, 200	kg
Minimum dead load, relative	E_{min}/E_{max}	1	%
Relative v_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/v_{min}$	6667	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	8473	
Rated output		2.0 ± 0.1	mV/V
Maximum excitation voltage		15	V (DC)
Input impedance (for strain gauge LCs)	R_{LC}	390~430	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Cable length (maximum)		0.35	m
Additional characteristics		4 wire (plus screen)	

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