



Member State of OIML  
Japan



OIML Certificate No  
R60/2000-JP1-10.08

## OIML CERTIFICATE OF CONFORMITY

### Issuing authority

Name: National Metrology Institute of Japan / National Institute of Advanced Industrial Science and Technology (NMIJ/AIST)  
Address: AIST Tsukuba Central 3-9, Tsukuba Ibaraki 305-8563, Japan  
Person responsible: Dr. Tamotsu Nomakuchi, President of AIST

### Applicant

Name: KUBOTA Corporation  
Address: 1-2-47, Shikitsu-higashi, Naniwa-ku, Osaka, 556-8601, Japan

### Manufacturer of the certified pattern

Name: KUBOTA Corporation  
Address: 1-2-47, Shikitsu-higashi, Naniwa-ku, Osaka, 556-8601, Japan

### Identification of the certified pattern:

Load cells  
Type: LB-XD-150L, LB-XD-300L, LB-XD-600L, LB-XD-1T, LB-XD-1.5T, LB-XD-2T, LB-XD-2.5T, LB-XD-4T, LB-XD-5T  
Fraction:  $P_i=0.8$   
Temperature range:  $-10\text{ }^{\circ}\text{C} / 40\text{ }^{\circ}\text{C}$



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Characteristics:

Model designation			LB-XD -150L	LB-XD -300L	LB-XD -600L	LB-XD -1T	LB-XD -1.5T	LB-XD -2T	LB-XD -2.5T	LB-XD -4T	LB-XD -5T
Accuracy class	Class	-	C								
Maximum number of load cell verification intervals	$n_{max}$	-	6000 5000 4000 3000								
Humidity symbol		-	CH								
Minimum dead load	$E_{min}$	kg	0								
Maximum capacity	$E_{max}$	kg	150	300	600	1000	1500	2000	2500	4000	5000
Minimum verification interval	$v_{min}$	kg	0.01 0.012 0.015 0.01875	0.02 0.024 0.03 0.0375	0.04 0.048 0.06 0.075	0.0667 0.08 0.1 0.125	0.1 0.12 0.15 0.1875	0.1333 0.16 0.2 0.25	0.1667 0.2 0.25 0.3125	0.2667 0.32 0.4 0.5	0.333 0.4 0.5 0.625
Apportionment factor	$p_{LC}$	-	0.8								
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	$Y$	-	15000 12500 10000 8000								
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	$Z$	-	6000								

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report(s) with the requirements of the following Recommendation of the International Organization of Legal Metrology - OIML):

R60, edition 2000 (E)  
For accuracy class C

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 no. R60/2000-JP1-10.08, that includes 48 pages.



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The Issuing Authority  
NMIJ/AIST



Dr. T. Nomakuchi  
President of AIST  
2010-05-18

The OIML member

Dr. Y. Miki  
2010-05-18

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