



Member State of OIML  
Japan



OIML Certificate No  
R60/2000-JP1-10.01  
Revision 1

## 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: YAMATO SCALE CO., LTD.  
Address: 5-22, Saenba-cho, Akashi, Hyogo, 673-8688, Japan

### Manufacturer of the certified pattern

Name: YAMATO SCALE CO., LTD.  
Address: 5-22, Saenba-cho, Akashi, Hyogo, 673-8688, Japan

### Identification of the certified pattern:

Compression load cell  
Type: DCC21-12T, DCC21-24T, DCC21-36T, DCC2-50T  
Fraction:  $\pi=0.7$   
Temperature range:  $-10\text{ }^{\circ}\text{C} / 40\text{ }^{\circ}\text{C}$



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Characteristics:

Model designation			DCC21-12T	DCC21-24T	DCC21-36T	DCC2-50T
Accuracy class	Class	-	C			
Maximum number of load cell verification intervals	$n_{max}$	-	6000	6000	6000	5000
Humidity symbol			CH			
Minimum dead load	$E_{min}$	kg	0			
Maximum capacity	$E_{max}$	kg	12000	24000	36000	50000
Safe load limit	$E_{lim}$	kg	18000	36000	54000	75000
Minimum verification interval	$v_{min}$	kg	1	2	3	5
Apportionment factor	$p_{LC}$		0.7			
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	$Y$	-	12000	12000	12000	10000
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	$Z$	-	6000	6000	6000	5000
Excitation voltage		V DC	8 ~ 15			
Cable length (maximum)		m	20			

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. 10-11/R60:2000, that includes 33 pages.



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The Issuing Authority  
NMIJ/AIST



Dr. T. Nomakuchi  
President of AIST  
2010-06-24

The OIML member

Dr. Y. Miki  
2010-06-24

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