



Member State of OIML
Japan

OIML Certificate No.
R60/2000-JP1-11.01

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: DCC1-20T, DCC1-24T, DCC1-36T
Fraction: $P_i=0.7$
Temperature range: $-10\text{ }^\circ\text{C} / 40\text{ }^\circ\text{C}$



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Characteristics:

Model designation			DCC1-20T	DCC1-24T	DCC1-36T
Accuracy class	Class	-	C		
Maximum number of load cell verification intervals	n_{max}	-	3000		
Humidity symbol			CH		
Minimum dead load	E_{min}	kg	0		
Maximum capacity	E_{max}	kg	20000	24000	36000
Safe load limit	E_{lim}	kg	$1.5 * E_{max}$		
Minimum verification interval	v_{min}	kg	$E_{max}/12000$		
Apportionment factor	p_{LC}		0.7		
Ratio of minimum LC Verification interval $Y = E_{max} / v_{min}$	Y	-	12000		
Ratio of minimum dead load output return $Z = E_{max} / (2 * DR)$	Z	-	3000		
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. 10-27/R60:2000, that includes 33 pages.



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The Issuing Authority
NMIJ/AIST



Dr. T. Nomakuchi
President of AIST
2011-01-07

The OIML member

Dr. Y. Miki
2011-01-07

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