

Name of Accreditation Program	JCSS Accreditation Program
Accreditation No.	JCSS 0075 Calibration
Date of Initial Accreditation	1997-12-10
Effective Date of Accreditation	2019-06-19
Expiry Date of Accreditation	2023-06-18
Latest Date of Issue	2019-06-17
Name and Address of Accredited Organization	Technology Center for Measurement, Incorporated 1-8-10, Ryutsu-Center Kita, Morioka-shi, Iwate 020-0846, Japan JCN 5400005005164
Inquiry Point	Promotion Part for Calibration Tel: +81-19-639-0909 FAX: +81-19-639-0910
Accreditation Standards	<ul style="list-style-type: none"> ▪ ISO/IEC 17025:2017 (Calibration) Mass ▪ ISO/IEC 17025:2005 (Calibration) Length, Force ▪ Accreditation Requirements in the Section 6 of Accreditation Scheme (JCSS) 2nd Edition
Accreditation Scope	As attached

*JCN: Japan Corporate Number

General Field of Calibration: LengthDate of Initial Accreditation of the Field: 1997-12-10Permanent Laboratory/On-site Calibration: Permanent LaboratoryCalibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Length Measuring Instrument	Gauge Blocks (Comparison method)	From 0.5 mm up to 100 mm	0.08 μ m

#All Calibration Procedures are in-house procedures developed by this laboratory.

General Field of Calibration: MassDate of Initial Accreditation of the Field: 2007-09-03Permanent Laboratory/On-site Calibration: Permanent LaboratoryCalibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Weight	Weight	20 kg	61 mg
		10 kg	32 mg
		5 kg	19 mg
		2 kg	7 mg
		1 kg	4 mg
		500 g	2 mg
		200 g	0.60 mg
		100 g	0.30 mg
		50 g	0.19 mg
		20 g	0.14 mg
		10 g	0.10 mg
		5 g	0.080 mg
		2 g	0.062 mg
		1 g	0.047 mg
		500 mg	0.040 mg
		200 mg	0.031 mg
		100 mg	0.024 mg
		50 mg	0.019 mg
		20 mg	0.016 mg
10 mg	0.013 mg		
5 mg	0.010 mg		
2 mg	0.010 mg		
1 mg	0.010 mg		

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Permanent Laboratory/On-site Calibration: On-site CalibrationCalibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)		
Scale	Non-Automatic Electronic Weighing Instruments	1 mg	0.023 mg		
		2 mg	0.023 mg		
		5 mg	0.023 mg		
				10 mg	0.023 mg
				20 mg	0.023 mg
				50 mg	0.023 mg
				100 mg	0.024 mg
				200 mg	0.024 mg
				500 mg	0.025 mg
				1 g	0.026 mg
				2 g	0.028 mg
				3 g	0.036 mg
				4 g	0.039 mg
				5 g	0.033 mg
				6 g	0.043 mg
				7 g	0.046 mg
				8 g	0.057 mg
				9 g	0.060 mg
				10 g	0.038 mg
				More than 10 g up to 20 g	0.059 mg
				More than 20 g up to 30 g	0.080 mg
				More than 30 g up to 40 g	0.11 mg
				More than 40 g up to 60 g	0.12 mg
				More than 60 g up to 70 g	0.13 mg
				More than 70 g up to 80 g	0.16 mg
				More than 80 g up to 90 g	0.18 mg
				More than 90 g up to 100 g	0.20 mg
				More than 100 g up to 150 g	0.26 mg
				More than 150 g up to 200 g	0.34 mg
				More than 200 g up to 250 g	0.41 mg
				More than 250 g up to 300 g	0.49 mg
				More than 300 g up to 400 g	0.72 mg
				More than 400 g up to 500 g	4.1 mg
		More than 500 g up to 1 kg	7.2 mg		
		More than 1 kg up to 2 kg	20 mg		
		More than 2 kg up to 3 kg	26 mg		
		More than 3 kg up to 4 kg	32 mg		
		More than 4 kg up to 5 kg	39 mg		
		More than 5 kg up to 6 kg	47 mg		
		More than 6 kg up to 10 kg	0.15 g		
		More than 10 kg up to 20 kg	0.19 g		

Scale (Continuation)	Non-Automatic Electronic Weighing Instruments (Continuation)	More than 20 kg up to 30 kg	0.24 g
		More than 30 kg up to 40 kg	0.30 g
		More than 40 kg up to 50 kg	0.36 g
		More than 50 kg up to 60 kg	0.42 g
		More than 60 kg up to 70 kg	2.3 g
		More than 70 kg up to 80 kg	2.5 g
		More than 80 kg up to 90 kg	2.8 g
		More than 90 kg up to 100 kg	3.0 g
		More than 100 kg up to 200 kg	22 g
		More than 200 kg up to 300 kg	29 g
		More than 300 kg up to 400 kg	58 g
		More than 400 kg up to 500 kg	0.13 kg
		More than 500 kg up to 600 kg	0.15 kg
		More than 600 kg up to 700 kg	0.23 kg
		More than 700 kg up to 800 kg	0.25 kg
		More than 800 kg up to 900 kg	0.27 kg
More than 900 kg up to 1000 kg	0.29 kg		

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General Field of Calibration: Force

Date of Initial Accreditation of the Field: 2006-07-05

Permanent Laboratory/On-site Calibration: On-site Calibration

Calibration and Measurement Capabilities

Calibration Procedures and Type of Instruments/Materials to be calibrated		Range	Expanded Uncertainty (Level of Confidence Approximately 95 %)
Uniaxial Testing Machines	According to JIS B 7721	Compression From 500 N up to 3 MN	0.25 %