

Name of Accreditation Program	JCSS Accreditation Program
Accreditation No.	JCSS 0098 Calibration
Date of Initial Accreditation	2001-07-16
Effective Date of Accreditation	2019-12-13
Expiry Date of Accreditation	2023-12-12
Name and Location of Conformity Assessment Body	Japan Association for Metrology Promotion, Calibration and Testing Center 25-1 Nando-cho, Shinjuku-ku, Tokyo 162-0837, Japan
Name of Legal Entity	Japan Association for Metrology Promotion JCN 4011105005318
Inquiry Point	Calibration and Testing Center Tel: +81-3-3269-3232 FAX: +81-3-3269-4755
Accreditation Requirement	ISO/IEC 17025:2017 and Accreditation Requirements in the Section 6 of Accreditation Scheme (JCSS) 2nd Edition (Calibration)
Accreditation Scope	As attached

*JCN: Japan Corporate Number

General Field of Calibration: MassDate of Initial Accreditation of the Field: 2007-07-09Permanent 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	1 mg	0.004 mg	
		2 mg	0.005 mg	
		5 mg	0.006 mg	
		10 mg	0.008 mg	
		20 mg	0.009 mg	
		50 mg	0.012 mg	
		100 mg	0.016 mg	
		200 mg	0.019 mg	
		500 mg	0.026 mg	
		1 g	0.032 mg	
		2 g	0.040 mg	
		5 g	0.050 mg	
		10 g	0.060 mg	
		20 g	0.080 mg	
		50 g	0.090 mg	
		100 g	0.10 mg	
		200 g	0.30 mg	
		500 g	0.50 mg	
		1 kg	0.90 mg	
		2 kg	2.6 mg	
		5 kg	8.0 mg	
		10 kg	12 mg	
		20 kg	29 mg	
		Deadweight	From 1 mg less than 100 mg	0.15 mg
			From 100 mg less than 2 g	0.40 mg
From 2 g less than 100 g	1.5 mg			
From 100 g less than 1 kg	15 mg			
From 1 kg less than 5 kg	75 mg			
From 5 kg less than 10 kg	0.15 g			
From 10 kg less than 20 kg	0.30 g			
From 20 kg less than 21 kg	0.30 g			

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

General Field of Calibration: TemperatureDate of Initial Accreditation of the Field: 2005-11-01Permanent 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 %)
Contact Type Thermometer	Liquid-in-glass thermometer	0 °C	0.03 °C
		From -50 °C less than 0 °C	0.11 °C
		More than 0 °C up to 100 °C	0.06 °C
		More than 100 °C up to 150 °C	0.07 °C
		More than 150 °C up to 200 °C	0.08 °C
		More than 200 °C up to 250 °C	0.09 °C
		More than 250 °C up to 300 °C	0.17 °C
		More than 300 °C up to 350 °C	0.18 °C

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

General Field of Calibration: ForceDate of Initial Accreditation of the Field: 2001-07-16Permanent 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 %)	
Force-proving Instruments	According to JIS B 7728	Compression	From 50 N up to 2 kN	0.042 %
			From 200 N up to 5 kN	0.033 %
			From 1 kN up to 50 kN	0.032 %
			From 10 kN up to 300 kN	0.040 %
			From 50 kN up to 600 kN	0.050 %
			From 50 kN up to 3 MN	0.063 %
		Tension	From 50 N up to 2 kN	0.038 %
			From 200 N up to 5 kN	0.036 %
			From 1 kN up to 50 kN	0.047 %

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 %)	
Uniaxial Testing Machines	According to JIS B 7721	Compression	From 50 N up to 5 MN	0.25 %
		Tension	From 0.5 N up to 300 kN	0.21 %