

Name of Accreditation Program	JCSS Accreditation Program
Accreditation Identification	JCSS 0094 Calibration
Date of Initial Accreditation	2001-02-20
Effective Date of Accreditation	2020-01-29
Expiry Date of Accreditation	2024-01-28
Name and Location of Conformity Assessment Body	Calibration Laboratory, Futaba Sokki Co., Ltd. 8-21-14 Higashi Ogu, Arakawa-ku, Tokyo 116-0012, Japan
Name of Legal Entity	Futaba Sokki Co., Ltd. JCN 6011501008566
Inquiry Point	Calibration Laboratory Tel: +81-3-3894-6848      FAX: +81-3-3800-8155
Accreditation Requirements	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: Pressure

Date of Initial Accreditation of the Field: 2001-02-20

Permanent Laboratory/On-site Calibration: Permanent Laboratory

Calibration and Measurement Capabilities

Calibration Procedures# and Type of Instruments/Materials to be calibrated		Range		Expanded Uncertainty (Level of Confidence Approximately 95 %)	
Pressure Gauge	Pressure Balance	Gas	Absolute Pressure	From 5 kPa up to 350 kPa	0.0050 % or 3.0 Pa Whichever is larger
			Gauge Pressure	From -90 kPa up to -10 kPa	7.0 Pa
		From 1.5 kPa less than 5 kPa		1.3 Pa	
		From 5 kPa up to 23 kPa		1.0 Pa	
		More than 23 kPa up to 350 kPa		0.0035 % or 1.1 Pa Whichever is larger	
		More than 350 kPa up to 7000 kPa		0.0037 % or 19 Pa Whichever is larger	
		Liquid	Pressure	From 1 MPa up to 20 MPa	0.0050 % or 0.40 kPa Whichever is larger
				More than 20 MPa up to 100 MPa	0.0060 %
				More than 100 MPa up to 500 MPa	0.018 %
	Liquid Manometer	Water Type	From 5 kPa up to 20 kPa	0.010 kPa	
		Mercury Type	From 5 kPa up to 200 kPa	0.10 kPa	
	Pressure Gauges (Digital Pressure Gauges)	Gas	Absolute Pressure	From 5 kPa up to 350 kPa	0.0050 % or 4.0 Pa Whichever is larger
				More than 350 kPa up to 7000 kPa	0.0050 %
			Gauge Pressure	From -90 kPa up to -10 kPa	10 Pa
		From 1.5 kPa up to 5 kPa		1.5 Pa	
		More than 5 kPa up to 7000 kPa		0.0050 % or 3.0 Pa Whichever is larger	
		Liquid	Pressure	From 1 MPa up to 100 MPa	0.0060 % or 0.40 kPa Whichever is larger
More than 100 MPa up to 500 MPa	0.020 %				
Mechanical Type Pressure Gauges	Gas	Gauge Pressure	From 5 kPa up to 7000 kPa	0.10 % of maximum pressure or 10 Pa Whichever is larger	
	Liquid	Pressure	From 1 MPa up to 500 MPa	0.10 % of maximum pressure or 5.0 kPa Whichever is larger	

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