

List of the Calibration Services

J : Issues certificates with the JCSS symbol for Measurement Act traceability system.

A : Issues certificates with the A2LA(American Association for Laboratory Accreditation) symbol.

j : Issues certificates with the jcass symbol.



JCSS is the accreditation symbol of Japan Calibration Service System under Measurement Act. JQA Measurement and Calibration Center (JCSS 0029), CHUBU Testing Center (JCSS 0064), KANSAI Testing Center (JCSS 0071) and KYUSHU Testing Lab. (JCSS 0104) are accredited by JCSS and authorized through the internationally-accepted MRAs.

Dimension

Laser wavelength

Wavelength-stabilized He-Ne lasers	J	A
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Standard instruments

Gauge blocks (interferometry or comparison)	J	A
Glass scales, Objective micrometers	J	A
Microscales	J	

Gauges, Calibration masters

Ring gauges, Screw ring gauges		A
Taper screw ring gauges		A
Pin gauges		A
Plug gauges, Screw plug gauges		A
Taper screw plug gauges		A
Three wires for screw thread measuring		A
Standard bars	J	A
Step gauges	J	A
Dial gauge testers	J	A
Feeler gauges		A
Test bars		A

Precise measuring machines

Universal measuring machines		A
Measuring microscopes		A
Measuring projectors		A
Coordinate measuring machines(Contact, Non-Contact)		A
Contact stylus instrument		A
Roughness standards		A
3D scanners		A
Electrical comparators		A
Microindicators		A
Roundness measuring machines		A
Contour measuring systems		A

Measuring tools, Metal rules, Steel tape measures

Calipers	J	A
Centerline calipers		A
Chamfer & Radius calipers, Chamfer calipers		A
Height gauges	J	A
Outside micrometers	J	A
Inside micrometers	J	A
Cylinder gauges	J	A
Depth gauges	J	A
Dial gauges, Dial test indicators	J	A
Thickness gauges		A
Coating thickness gauges		A
R Gauges, Gauge of punch		A
Test sieves		A
Metal rules, Steel tape measures, Convex rules	J	A

Optical elements

Optical flats, Optical parallels		A
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Uniaxial testing machines, Hardness-related equipments

Extensometer	J	A
Index masters		A

Angle standards

Rotary encoders	J	
Autocollimators		A
Precision levels		A
Angle meters, Angle gauges		A
Precision surface plates		A
Cylindrical squares		A
Squares, Straightedges		A

shape measurements

Shape measurements		A
Geometrical deviations		A

Radiation

Radiation

X·Gamma Radiation Meters	J	
Surface contamination meters	J	
Electric Charge Meter for Radiation	J	

Electricity, Optical

DC/Low Frequency

Digital multimeters, Clamp meters		A
Temperature recorders, Thermometers	J	A
Standard voltage and current generators		A
Power supplies(AC/DC)		A
Single-phase power meters, Three phase power meters		A
Tachometers, Stroboscopes		A
High voltage meters		A
Insulation resistance meters, High resistance meters		A
Withstand voltage testers		A
Earth continuity testers		A
Standard resistors		A
Decade resistors		A
LCR measuring instruments		A
Oscilloscopes		A
Voltage probes, Current probes		A
Current sensors, Shunts		A
Strain indicators, Strain calibrators		A

RF/Microwave

Signal generators	J	A
Pulse generators, Oscilloscope calibrators		A
Power Meter	J	A
Attenuators	J	A
Impedance components	J	A
Frequency standards, Frequency counters		A
Spectrum analyzers		A
FFT Analyzer		A

Optical

Optical Power Meter	J	A
Wavelength Meter, Spectrum Analyzer		A
Illuminance meters, Luminance meters, Colorimeters		A
Gloss meters		A
Optical filters (JCRM Series)		A

Rotational Speed, Time

Rotational Speed

Tachometers		A
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Time

Stopwatches, Watches		A
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EMC measuring instruments

Antennas		A
EMI test receivers		A
LISN·AMN·ISN		A
ESD Simulators		A
Surge simulators		A
Fast transient / burst simulators		A
Magnetic field measuring instruments		A

Temperature, Humidity

Temperature

Liquid-in-glass thermometers, Digital thermometers	J	A
Platinum resistance thermometers	J	A
Thermocouples	J	A
Temperature data loggers	J	A
Mechanical thermometers		A
Contact Surface Thermometers		A
Radiation thermometers, Infrared thermograph		A
Blackbody furnace		A
Temperature controlled chambers		A
Temperature calibration instruments	J	A
Cold junction compensators		A

Humidity

Digital hygrometers	J	A
Humidity data loggers	J	A
Elongation method hygrometers		A
Ventilated psychrometers	J	A
Self-recording Thermo-Hygographs (Hair-type)		A
Humidity generators	J	A
Constant temperature & humidity chambers		A
Dew point hygrometers	J	A

Physical Quantity

Mass

Weights	J	A
Non-automatic electric balances	J	A

Force

Loops, Load cells	J	A
Push-Pull, Force, Tension gauges		A
Uniaxial testing machines	J	A
Crosshead travel distance/ Speed		A

Torque

Reference torque wrench	J	
Torque meter	J	A
Torque measuring devices, Torque tools	J	A

Hardness

Hardness testers	J	A
Durometers		A

Pressure

Pressure balances(Dead weight testers)	J	A
Liquid column manometers	J	A
Digital pressure gauges, Pressure sensors	J	A
Mechanical pressure gauges	J	A
Barometers	J	A
Vacuum gauges, Standard leaks	J	

Wind Velocity, Flow Rate

Wind velocity

Anemometers	J	
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Flow Rate

Air flowrate meters		A
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Acoustic, Vibration

Acoustic

Measurement microphones	J	A
Sound level meters	J	A
Sound calibrators	J	A
Audiometers	J	
Hydrophone		A
Reference sound sources		A

Vibration

Accelerometers, Vibration pick-ups	J	A
Vibration meters, Vibration exciters		A
Calibration Exciter		A
Vibration level meters		A
Charge Amplifier		A
Impulse Hammer		A

Chemical Quantities

Glass Electrode Hydrogen Ion Concentration Meter(Indicator/Detector)		A
Electrical Conductivity Meters		A
CO2 Monitor, Analyzer of Atmospheres Concerned		A

Viscosity, Particle number concentration, Reference material

Viscosity

Rotational viscometer		A
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Particle number concentration

Optical particle counters		A
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Reference material

Benzoic acid calorimetric standard	j	
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Density, Volumeter, Impact Energy

Density

Hydrometer	J	
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Volumeter

Piston-OperatedVolumetric Apparatus	J	A
Pipettes, Burettes, Flasks, Graduated Measuring Cylinders		A

Impact Energy

Spring hammer		A
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*If you have any inquiries about services which are not shown on the above list, please do not hesitate to contact us.