

Laboratory's Scopes of Calibration

Field of Calibration	Properties of Measured	Range	Calibration Methods
Pressure	Pneumatic Pressure Gauges	Up-50kgf.cm ⁻² (or equivalent unit)	BSEN 837-1 : 1998
	Hydraulic Pressure Gauges		
	Pressure Calibrators	Up-500PSI	Comparison method
	Dead Weight Testers		
Hardness	Rubber Hardness Testers [JIS, ASTM]	0-100°	In-house: MC-0084-01-05
	Duro Meter Testers		
	Vicker Hardness Machines (Site calibration)	HMV 700	JIS B 7725-1997
	Rockwell Hardness Machines (Site calibration)	HRC 30, 45, 60 HRB 30, 90	JIS B 7726-1997
pH	pH Meter (Indicator type)	All pH	ASTM E70-97 and BS 1647-1984 by DCV standard and pH solution
	pH Meters + Sensors	pH 4, 7, 10	
Others	Conductivity Meters + Probes	0.1nS - 1S	Standard solution and S = 1/Resistance
	Viscosity Meters (Max. 3 Spindle)	610.8-147877mPa.s	Standard viscosity solution
	Roughness Testing Machines	4.5µRa	JIS B 0651-1996 by standard specimen
	Roundness Testing Machines		JIS B 7451-1997 by master ball