

NAME OF NMI	FIELD OF METROLOGY	INSTRUMENT	RANGE	ACCREDITATION STATUS
SIRDC-NMI Zimbabwe	DIMENSIONAL/LENGTH	Steel rule	0 - 1000 mm	Unaccredited
Director - M. Ranganai		Measuring Tape	0-10 m	Unaccredited
E-Mail: mranganai@sirdc.ac.zw		Square	90°	Unaccredited
		Protractor	0-360°	Unaccredited
		Feeler Gauge	0 - 100 mm	Unaccredited
		Block Gauge	0.5 to 100 mm	Unaccredited
		Setting Pieces	0-100 mm	Unaccredited
		Height Gauge	0-300 mm	Unaccredited
	TEMPERATURE	Autoclaves	0°C to 140°C	Unaccredited
		Temperature Installations (Ovens, Incubators, Fridges and Furnaces)	-80°C to 1200°C	Unaccredited
		Noble Metal Thermocouple	-50 to 1200	Unaccredited
		Themohygrometers	0 to 100°C, 15%rH to 95%rH	Unaccredited
		Onsite calibration by electrical simulation of Temperature controllers	-200°C to 1700°C	Unaccredited
		Infrared Thermometers and pyrometers	-50°C to 1200°C	Unaccredited
		Software controlled Data loggers	-80°C to 150°C	Unaccredited
		RTDs and Themistors	-50°C to 700°C	Unaccredited
	VOLUME	Volume Dispensors	0ml to 50ml	Unaccredited
		Glass Pipettes	1ml to 500ml	Unaccredited
		Graduated Beakers	1ml to 2000ml	Unaccredited
		Burettes	1ml to 300ml	Unaccredited

	MASS	weighing instruments	3kg to 300kg	unaccredited
	ELECTRICAL	AC Voltage	0 to 750V	Unaccredited
		DC Voltage	0 to 1000V	Unaccredited
		AC Current	0 to 10 000A (Clamp)	Unaccredited
		DC Current	0 to 10 000A (Clamp)	Unaccredited
		Resistance	1ohm to 10Mohm	Unaccredited
	PRESSURE	Pressure Gauges	-80kPa to 600bars	Unaccredited
		BP Machines	0 to 200mmHg	Unaccredited
		Pressure Tranmitter	-80kPa to 600bars	Unaccredited
	Sound Level	Sound level Meter	0dB to 120dB	Unaccredited
		Sound level Calibrator	94dB and 114dB	Unaccredited
	Light intensity	Lux meter	0-10000 lux	Unaccredited
	Time and Frequency	Count down Timer / stopwatch	0 to 60mins	Unaccredited
		Tachometers	0 to 12000rpm	Unaccredited
		Centrifuges and mixers	1 to 12000rpm	Unaccredited