



SILICON TECHNOLOGIES

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GSTIN : 33APLPA1828A1ZM

Calibration Protocol & Report for Medical Equipment

Equipment : SEMI AUTO ANALYSER Protect Class/Type : Risk class II/CF

Make : ROBONIK S.No : AT3090212RBK

Model : PRIETEST TOUCH Location : ARATTAVADI - GPHC

S.no	Measurement Parameters	Status	Remarks
I	Electrical Test (a). Safety Standards (range: 210-240 V) (b). Equipotential ground & Earthing (c). Risk of shock/fire Hazards, if any (d). Chassis & Insulation Resistance (e). Earth & Chassis Leakage Current (f). Battery condition & charging status	230volts 0 to 5volts No Zero ohms 10mA --	Stabilizer/UPS With in ranges well
II	Physical Condition Test (a). Cabinet & Visible damages, if any (b). Switches, display, optics chamber, Power cord accessories (c). Risk of mechanical damages, if any	No Ok No	 Checked ok
III	Performance Test (a). biochemistry test (b). photo detector test (c). Optics performance (d). Abnormalities (e). Display checkup (f). Keypad/indicators & connectors	Normal Ok /wave length No Ok Well	Fine Clarity perfect nm
IV	Calibration Test (a). Input power regulation done (b). SMPS power supply various outputs -/+3V,5V,12V calibration done (c). Power supply to source Cal-I (d). Source lamp Sensor Cal-II (range: 1250-1200ohms) (e). Detector sensitivity (range: 370-940nm)	Tuned calibrated done 6VDC Done 1290 ohms 740nm	 tuned in range well
Formulated By : Einstein Research Laboratory		Issued By :	User Department :
Endorsed By : Research team head		<i>Tap</i> T. Arunprasad	
Reviewed On : 12.09.23 Next Review : 12.03.24		SILICON TECHNOLOGIES A Biomedical Instrumentation Company COIMBATORE - 641 039	

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