



SILICON TECHNOLOGIES

2 & 3, Devi Illam, Priya Nagar,
Telungupalayam Pirivu,
Coimbatore - 641 039, TamilNadu.

T. ARUN PRASAD, M.Tech., MBA., (Ph.D)
Managing Director
Consultant Biomedical Engineer

GSTIN : 33APLPA1828A1ZM

Calibration Protocol & Report for Medical Equipment

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

Make : ROBONIK S.No : ATCD0801220RBK

Model : PRIESTEST TOUCH Location : VEERALUR - 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	235volts 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 sourceCal -I (d). Source lamp Sensor Cal-II (range: 1250-1500ohms) (e). Detector sensitivity (range: 370-940nm)	Tuned calibrated done 6VDC Done 1280 ohms 760nm	tuned in range well
Formulated By : Einstein Research Laboratory		Issued By:	User Department:
Endorsed By : Research team head		<i>Tap</i>	<i>T.Arunprasad</i>
Reviewed On : 15.09.23 Next Review : 15.03.24		SILICON TECHNOLOGIES A Biomedical Instrumentation Company COIMBATORE - 641 039	

Email : st.biomedical@gmail.com

Call: 98652 85754, 81246 75020. ☎ 98652 85754, 81246 75020