



SILICON TECHNOLOGIES

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

GSTIN : 33APLPA1828A1ZM

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Calibration Protocol & Report for Medical Equipment

Equipment: MICRO PIPETTE Protect Class/Type : Risk Class 2 / CF

Make : Vertex S.No : 008

Model : Fine Pipette (100-1000ml) Location : UPPIDAMANGALAM - 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 24 volts	Stabilizer/UPS With in ranges well
II	Physical Condition Test (a). Cabinet & Visible damages, if any (b). ECG cable, clips, Bulbs, Power cord & accessories (c). Risk of mechanical damages, if any	No Ok No	Checked ok
III	Performance Test (a). ECG waveform pattern in printout (b). Print quality (c). ECG compatibility with simulator (d). Abnormalities (e). Display checkup (f). Keypad/indicators & connectors	Normal ok HR:90/90 No Ok Well	FineClarity Printer head ok
IV	Calibration Test (a). R wave measurement (b). 1 millivolt Calibration (c). Paper speed calibration (d). Thermal head resistance (range: 1100-1250 ohms) (e). ST segment elevation (f). Damping	Tuned calibrated done 1190 ohms No No	1.6mV 25/50mm/sin range Adjusted
Formulated By : Einstein Research Laboratory		Issued By:	
Endorsed By : Research team head		SILICON TECHNOLOGIES A Biomedical Instrumentation Company	
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