



# 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 SCOPE Protect Class/Type : Risk Class 2 / CF  
Make : Labomed S.No : 01  
Model : Lx200 Location : UPPIDAMANGALAM - GPHC

S.no	Measurement Parameters	Status	Remarks
I	<b>Electrical Test</b> (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	<b>Physical Condition Test</b> (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	<b>Performance Test</b> (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	<b>Calibration Test</b> (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
<b>Formulated By :</b> Einstein Research Laboratory		<b>Issued By:</b>	<b>User Department:</b>
<b>Endorsed By :</b> Research team head		SILICON TECHNOLOGIES A Biomedical Instrumentation Company COIMBATORE - 641 039 Cell: 98652 85754, 81246 75020.	
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