



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 : **ELECTRONIC MICROSCOPE** Protect Class/Type : Risk class II/CF
 Make : CYNX S.No : MP/MIC/002
 Model : LM-52-1710(N-107) Location : **MELPALLIPATTU - GPHC**

S.no	Measurement Parameters		Status	Remarks
I	Electrical Test	(a). Safety Standards (range: 210-250 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). Power supply unit, halogen lamps, Power cord accessories (c). Risk of mechanical damages, if any	No Ok No	Checked ok
III	Performance Test	(a). halogen lamps intensity (b). intensity test taken by lux meter for a particular lamp & results (c). Measurement of Lux/Lens range (d). Lamp life time	Normal ok ok Ok	Fine brightness perfect 21000 hrs appx
IV	Calibration Test	(a). LED lamps intensity (b). intensity test taken by lux meter for a particular lamp & results (c). Measurement of Lux/Lenses cal (d). Lamp life time	ok done 1400 lux Ok	In range peak in range in range
Formulated By : Einstein Research Laboratory		Issued By:	User Department:	
Endorsed By : Research team head		 SILICON TECHNOLOGIES A Biomedical Instrumentation Company COIMBATORE - 641 039 Cell: 98652 85754, 81246 75020.		
Reviewed On : 25.04.23 Next Review : 25.10.23				