



# SILICON TECHNOLOGIES

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GSTIN : 33APLPA1828A1ZM

## Calibration Protocol & Report for Medical Equipments

Equipment: **CELL COUNTER**

Protect Class/Type : B

Make : SYSMEX/TRANSASIA

S.No : B5805

Model : XP-100

Location : **MELPALLIPATTU - GPHC**

S.no	Measurement Parameters	Status	Remarks
I	<b>Electrical Test</b> (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 NA	Stabilizer/UPS  With in ranges
II	<b>Physical Condition Test</b> (a). Cabinet & Visible damages, if any (b). Aspirator head, cable, printer & Power cord (c). Risk of mechanical damages, if any	No Ok No	Checked ok
III	<b>Performance Test</b> (a). Urine strip measurement regular tests & functionalities performed (b). Displayed value vs standard value (c). Abnormalities (d). Display checkup (e). Keypad/indicators & connectors	Normal  No Ok well	Checked & measured
IV	<b>Calibration Test</b> (a). Power supply +5,-12,+12 voltages (b). Aspirator control main PCB biasing voltages (c). Cal I (d). cal II liquids	Tuned calibrated done	adjusted accuracy  mutually correlated
<b>Formulated By :</b> Einstein Research Laboratory		<b>Issued By:</b>	<b>User Department:</b>
<b>Endorsed By :</b> Research team head	<i>Tap</i>	<b>SILICON TECHNOLOGIES</b> A Biomedical Instrumentation Company <b>COIMBATORE - 641 039</b> <i>T. Arunprasad</i> Cell: 98652 85754, 81246 75020.	
<b>Reviewed On :</b> 25.04.23 <b>Next Review :</b> 25.10.23			