



# SILICON TECHNOLOGIES


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

GSTIN : 33APLPA1828A1ZM

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

## Calibration Protocol & Report for Medical Equipment

Equipment : SEMI AUTO ANALYSER      Protect Class/Type : Risk class II/CF  
 Make : ROBONIK      S.No : ATO130215RBK  
 Model : PRIETEST TOUCH      Location : METTUR - UPHC

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 0t. ohm No Zero ohm 10mA -	Stabilizer/UPS  With in ranges well
II	<b>Physical Condition Test</b> (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	<b>Performance Test</b> (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	Line Clarity perfect
IV	<b>Calibration Test</b> (a). Input power regulation done (b). SMPS power supply various outputs -/+3V,5V,12V calibration done (c). Power supply to source Cal-I (d). Source lamp Sensor Cal-II (range: 1250-1300ohms) (e). Detector sensitivity (range: 370-940nm)	Tuned calibrated done 6VDC Done 1295 ohms  Normal	tuned in range well
<b>Formulated By :</b> Einstein Research Laboratory		<b>Issued By :</b>	<b>User Department:</b>
<b>Endorsed By :</b> Research team head		<b>SILICON TECHNOLOGIES</b> A Biomedical Instrumentation Company Cell: 98652 85733 5020.	
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