



G MULTI SERVICES

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Bio Medical Instruments Services

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Bio Medical Engineer

Calibration Protocol & Report for Medical Equipment

Equipment : **CELL COUNTER**
MAKE : SYSMEX
MODEL : XP-100

PROTECT CLASS /TYPE : Risk Class I
S. No. : B-5389
Location : CHC, TNPALAYAM

S.No	Measurement Parameters		Status	Remarks
1	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 conditions & charging status	230 volts 0 to 5 volts No Zero ohms 10mA NA	Stabilizer/UPS With in Ranges Well
2	Physical Condition Test	(a) Cabinet & Visible damages, if any (b) Front Panel/Top lid, buckets, motor assembly & power cord (c) Risk of mechanical damages, if any	No OK No	 Checked OK
3	Performance Test	(a) On /Off switch (b) switch & functional tests (c) Spindle Motor (d) Running test (e) Abnormalities (f) Display checkup (g) Keypad/indicators & connector	Normal OK OK OK No Well Well	Ok Perfect Perfect
4	Calibration Test	(a) WB Test (b) Printer (c) Display checkup (d) Timer test (e) Result	Done Ok OK OK Perfect	Perfect
Formulated By: Edition Research Laboratory		Issued By:	User Department:	
Endorsed By : Research team head 12				
Reviewed On: 10.10.23 Next Review : 09.10.24				