



Bio Matrix Technologies Pvt. Ltd.



An ISO 9001 : 2015 Certified Company

G-114, 1st Floor, Madhura Nagar, Hyderabad - 500 038.

Ph : (040) 64525295, Mobile : +91 9553099998, E-mail : info@biomatrixtech.com, www.biomatrixtech.com

PERFORMANCE TEST REPORT FOR HOT AIR OVEN

HOSPITAL NAME	PRANAAM HOSPITALS, MADINAGUDA, HYDERABAD.
DEVICE	HOT AIR OVEN
MAKE	LAB TECH
MODEL	N/A
SERIAL NO	20130320
EQUIPMENT ID	PRNM/BME/HOT AIR OVEN-002
DEPARTMENT	LABORATORY

PERFORMANCE STANDARDS USED

S.NO	ASSET NO.	TEST EQUIPMENT	MAKE	MODEL NO	SERIAL NO	CAL DATE	CAL DUE DATE
1	BMT/12/TA-11	TEMPERATURE INDICATOR WITH SENSOR	AUTONICS	TC4S-14R	N/A	24/08/20	23/08/21
2	BMT/12/07	ELECTRICAL SAFETY ANALYZER	FLUKE	ESA-612	2111026	24/08/20	23/08/21

TEST RESULTS

Sr. No	UNIT	SET VALUE	MEASURED VALUE	DEVIATION
1	°C	30	30.1	0.1
2	°C	35	34.8	0.2
3	°C	60	59.7	0.3
4	°C	90	89.9	0.1
5	°C	100	99	1
6	°C	110	108.8	1.2



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ELECTRICAL SAFETY ANALYZER TEST RESULTS		
TEST	RESULTS	LIMITS
Line(Mains)Voltage	225.6	0.0 to 300.0V ac rms
Ground Wire Resistance	0.002Ω	0.000 to 2.000 Ω
Equipment current	1.1A	0 to 20.0 A ac rms
Insulation resistance	1M Ω	+/-2% +0.2 M Ω
Ground(Earth) Leakage	11 μA(AC+DC)	10 to 199 μA
Chassis(Enclosure)Leakage	0.3 Ma	0.0 to 199.9 μA
Lead to Ground and Lead to lead	0.4 μA(AC+DC)	0.0 to 1999 μA
Lead isolation	0.4μA	0.0 to 1999 μA
Differential Leakage	0.3μA	0.0 to 1999 μA
Direct Equipment Leakage	0.3μA	0.0 to 1999 μA
Direct applied part Leakage	0.1μA	0.0 to 1999 μA
Alternative applied part patient leakage	0.01Ω	0.0 to 1999 μA
Point to point leakage, Voltage and Resistance	0.2μA,0.2v&OLΩ	+/-2% +0.2V

ELECTRICAL SAFETY TEST PASSED AS PER IEC STANDARD 60601.1

Cal done date: 02-09-2020	Cal due date: 02-09-2021
Calibrated by: N.PETER	Approved by: N. VENKAT

