

CALIBRATION REPORT

Details of the Unit Under Calibration:

Calibration Certificate No: SBS/CL/20-21/00900

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Customer Name:	JOTHI X-RAY ECG & LABORATORY	Customer Address:	1, SIVAN KOVIL STREET, THOOTHUKUDI-628002.
Location:	BIOCHEMISTRY	Serial No:	451911089
Description:	ELISA READER	Tag/Asset No:	NA
Make:	ALERE	Date of Calibration:	20-09-2020
Model:	AM2100	Date of Due:	19-09-2021

Traceability Details:

S.No	Standard Used	Make	Model	Serial No	Validity
1	Electrical Safety Analyzer	Fluke	ESA615	2244202	26-Jun-2021

Environmental Conditions and Standard Operating Procedure Details:

Temperature	23°C	Calibration Done At	ONSITE
Humidity (40-70% RH)	54%	Calibration Procedure No	CP-BM001-2019/ES

REMARKS:

Performance Test Report : Attached

Electrical Safety Test Report : Attached

Electrical Safety Test Passed as Per IEC Standard 60601/62353

The above mentioned instruments has been calibrated using standard manufacturer recommended protocols, using equipments having traceability to National/International Standards. Partial reproduction of the certificates is not permitted.

Calibrated by:


BALAJI. M

(Calibration Engineer)

Authorized Signatory:


C.SHANMUGARAJ
(Technical Manager)

Result of Calibration: SBS/TR/20-21/00900

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Electrical Safety Test Passed : Yes / No

Electrical Safety Test		
Parameters Used	Measured in Test Gadget	Limits
Voltage N-E	2.6	< 3V
Voltage P-N	223	< 230V
Voltage P-E	228.1	< 230V
Maximum Current Taken by the DUT	0.1	As per Manufacture specification
Earth Leakage Current NC	122	<500 μ A for B,BF,CF
Earth Leakage Current SFC	234	<1000 μ A for B,BF,CF
Enclosure Leakage Current NC	5.0	<100 μ A for B,BF,CF
Enclosure Leakage Current SFC	5.1	<500 μ A for B,BF,CF
Patient Leakage Current NC	5.3	<100 μ A for B,BF, <10 μ A for CF
Patient Leakage Current SFC	5.5	<500 μ A for B,BF, <50 μ A for CF
Insulation Resistance M-P.E	Good	More than 100Mohm
Insulation Resistance M-A.P	Good	More than 100Mohm
Insulation Resistance A.P-P.E	Good	More than 100Mohm

Observation: The unit was found to delivery energy within allowed deviation limits.

CALIBRATION RESULT:

- Corrective maintenance required
- Removed from use
- Acceptable for use

Calibration Engineer Sign:



Date: 20-09-2020