

Fluke Biomedical Ansur Test and Inspection Procedure

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Test Record

TEST PASSED

Test Performed

Date: 12-02-2024
Record: IEC 60601-1 - CL2.mtr
Template: IEC 60601-1 - CL2.mtt

Ansur Components Used

Ansur Version 3.1.4
Plug-In: ESA612 Version 1.1.3

Test Setup

Selections

Service Events Performed

Standards Performed

IEC 60601

Device under test

Serial Number	TV014061613	Type	Ventilador
Appliance Code	.	Model	Trilogy 202
Group	.	Location	Andover
Status	.	Address 1	Enea
Manufacturer	Respironics	Address 2	Laboratorio

MTI Data

Test Instrument	Serial Number	Firmware Version
ESA612B	6034120	v3.01

Signatures

Test Result

Test Element	Test Type					Fail
IEC 60601-1 - CL2						
Auto Sequence						
Procedure: (1) Connect the DUT to the ESA612 as indicated in the operators manual. (2) Ensure that DUT power is On. (3) Click module setup and specify the patient leads that are to be tested. (4) Connect patient leads as indicated to the right. (5) Click Start Test to perform the safety test.						
Configuration: Polarity Switching Delay:3(s)						
Mains Voltage						
Mains Voltage						
Live to Neutral						
Mains Voltage Live to Neutral						
Result: Live to Neutral	Value 235,0	Unit V	High Limit	Low Limit	Standard IEC 60601	
Enclosure Leakage Current						
Enclosure Leakage Current						
Configuration: Unused Applied Parts:Floating						
Normal Condition						
Enclosure Leakage Current Normal Condition						
Result: Normal Condition	Value 0,6	Unit uA	High Limit 100	Low Limit	Standard IEC 60601	
Open Neutral						
Enclosure Leakage Current Open Neutral						
Result: Open Neutral	Value 0,8	Unit uA	High Limit 500	Low Limit	Standard IEC 60601	
Normal Condition, Reversed mains						
Enclosure Leakage Current Normal Condition, Reversed mains						
Result: Normal Condition, Reversed mains	Value 0,6	Unit uA	High Limit 100	Low Limit	Standard IEC 60601	
Open Neutral, Reversed Mains						
Enclosure Leakage Current Open Neutral, Reversed Mains						
Result: Open Neutral, Reversed Mains	Value 0,9	Unit uA	High Limit 500	Low Limit	Standard IEC 60601	