

Fluke Biomedical Ansur Test and Inspection Procedure

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Test Record

TEST PASSED

Test Performed

Date: 20-02-2024
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	TV012043013	Type	Ventilador
Appliance Code	1040000	Model	202
Group	Trilogy	Location	Andover Alianza Médica S. A.
Status	Revisión	Address 1	Salar de Huaco 795, Pudahuel
Manufacturer	Philips Respironics	Address 2	Laboratorio

MTI Data

Test Instrument	Serial Number	Firmware Version
ESA612B	6370086	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 228,3	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 0,5	Unit uA	High Limit 100	Low Limit	Standard IEC 60601	
Open Neutral	Enclosure Leakage Current Open Neutral					
Result: Open Neutral	Value 0,6	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 0,4	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 0,6	Unit uA	High Limit 500	Low Limit	Standard IEC 60601	