

# Fluke Biomedical Ansur Test and Inspection Procedure

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## Test record

### TEST PASSED

#### Test performed

Date: 25-04-2024  
Record: IEC 60601-1 - CL2.mtr  
Template: IEC 60601-1 - CL2.mtt

#### 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

Número de serie	TV12005192C	Modelo	Trilogy 100
Estado	Operativo	Localización	Andover Alianza Medica S. A.
Fabricante	Philips Respironics	Dirección 1	Salar de Huasco 795, Pudahuel
Tipo	Ventilador Mecanico	Dirección 2	Laboratorio

### MTI Data

Test instrument	Serial number	Firmware version
ESA612B	4465048	v3.00

## Signatures

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## Test result

Test element	Test type					Fail
IEC 60601-1 - CL2	Auto Sequence					
<b>Procedure:</b> (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 <b>Start Test</b> to perform the safety test.						
<b>Configuration</b> Polarity Switching Delay:3(s)						
Mains Voltage	Mains Voltage					
Live to Neutral	Mains Voltage Live to Neutral					
<b>Result:</b> Live to Neutral	<b>Value</b> 236,9	<b>Unit</b> V	<b>High limit</b>	<b>Low limit</b>	<b>Standard</b> IEC 60601	
Enclosure Leakage Current	Enclosure Leakage Current					
<b>Configuration</b> Unused Applied Parts:Floating						
Normal Condition	Enclosure Leakage Current Normal Condition					
<b>Result:</b> Normal Condition	<b>Value</b> 0,5	<b>Unit</b> uA	<b>High limit</b> 100	<b>Low limit</b>	<b>Standard</b> IEC 60601	
Open Neutral	Enclosure Leakage Current Open Neutral					
<b>Result:</b> Open Neutral	<b>Value</b> 0,7	<b>Unit</b> uA	<b>High limit</b> 500	<b>Low limit</b>	<b>Standard</b> IEC 60601	
Normal Condition, Reversed mains	Enclosure Leakage Current Normal Condition, Reversed mains					
<b>Result:</b> Normal Condition, Reversed mains	<b>Value</b> 0,5	<b>Unit</b> uA	<b>High limit</b> 100	<b>Low limit</b>	<b>Standard</b> IEC 60601	
Open Neutral, Reversed Mains	Enclosure Leakage Current Open Neutral, Reversed Mains					
<b>Result:</b> Open Neutral, Reversed Mains	<b>Value</b> 0,7	<b>Unit</b> uA	<b>High limit</b> 500	<b>Low limit</b>	<b>Standard</b> IEC 60601	