

# Treat Med Company Limited

Copyright © 1999 - 2009 Fluke Biomedical

## Test record

### TEST PASSED

Test performed		Ansur components used	
Date:	9/10/2009	ansur	Version 2.7.1
Record:	ESA612 - IEC62353 CL1 Alternative.mtr	Plug-In: ESA612	Version 1.0.5
Template:	IEC 62353 Alternative Leakage - CL1.mtt		

## Test setup

### Selections

Service events performed	Standards performed
	IEC 62353 (CL1)

### Device under test

Serial number	J2900FI00060	Type	Patient Monitor
Appliance code		Model	Classic 120 Plus
Group		Location	
Status		Address 1	
Manufacturer	Heal Force	Address 2	

### ESA612

#	Module info	Class	Leads
1	Module Code Serial No. Type	ECG CF	5

### MTI Data

Test instrument	Serial number	Firmware version
ESA 612	1051024	v1.01

## Signatures

\_\_\_\_\_

# Test result

Test element	Test type					Fail
IEC 62353 Alternative Leakage - Class I	Auto Sequence					
Mains Voltage	Mains Voltage					
Live to Neutral	Mains Voltage Live to Neutral					
Result: Live to Neutral	Value	Unit	High limit	Low limit	Standard	
	219.4	V			IEC 62353 (CL1)	
Neutral to Earth	Mains Voltage Neutral to Earth					
Result: Neutral to Earth	Value	Unit	High limit	Low limit	Standard	
	220.3	V			IEC 62353 (CL1)	
Live to Earth	Mains Voltage Live to Earth					
Result: Live to Earth	Value	Unit	High limit	Low limit	Standard	
	2.4	V			IEC 62353 (CL1)	
Protective Earth Resistance	Protective Earth Resistance					
Result: Protective Earth Resistance	Value	Unit	High limit	Low limit	Standard	
	.077	Ohm	.3		IEC 62353 (CL1)	
Alternative Equipment Leakage	Alternative Equipment Leakage					
Closed Earth	Alternative Equipment Leakage Closed Earth					
Result: Closed Earth	Value	Unit	High limit	Low limit	Standard	
	252	uA	1000		IEC 62353 (CL1)	
Open Earth						
Open Earth	254	uA	1000		IEC 62353 (CL1)	
Alternative Applied Part Leakage						
Shorted Mains						
ECG	9.5	uA	50		IEC 62353 (CL1)	
Insulation Resistance	Test Voltage: 500V					
Mains to Protective Earth						
Mains to Protective Earth	99999	MOhm		2	IEC 62353 (CL1)	
Applied Parts to Protective Earth						
ECG	99999	MOhm				

Test element	Test type	Fail
<p>Mains to Applied Parts</p> <p><i>Result:</i> ECG</p> <p><i>Value</i> 99999</p>	<p><i>Insulation Resistance</i> <i>Mains to Applied Parts</i></p> <p><i>Unit</i>    <i>High limit</i>    <i>Low limit</i></p> <p>MOhm</p> <p><i>Standard</i></p>	
<p>Applied Parts to Non-Earth Accessible Conductive Part</p> <p><i>Result:</i> ECG</p> <p><i>Value</i> 99999</p>	<p><i>Insulation Resistance</i> <i>Applied Parts to Non-Earth Accessible Conductive Part</i></p> <p><i>Unit</i>    <i>High limit</i>    <i>Low limit</i></p> <p>MOhm</p> <p><i>Standard</i></p>	