

Treat Med Company Limited

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Test record

TEST PASSED

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

Test setup

Selections

Service events performed	Standards performed
	IEC 62353 (CL1)

Device under test

Serial number	J2900FI00060	Type	Payient 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 Differential Leakage - Class I	Auto Sequence					
Mains Voltage	Mains Voltage					
Live to Neutral	Mains Voltage Live to Neutral					
<i>Result:</i> Live to Neutral	<i>Value</i> 216.5	<i>Unit</i> V	<i>High limit</i>	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Neutral to Earth	Mains Voltage Neutral to Earth					
<i>Result:</i> Neutral to Earth	<i>Value</i> 217.3	<i>Unit</i> V	<i>High limit</i>	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Live to Earth	Mains Voltage Live to Earth					
<i>Result:</i> Live to Earth	<i>Value</i> 2.3	<i>Unit</i> V	<i>High limit</i>	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Protective Earth Resistance	Protective Earth Resistance					
<i>Result:</i> Protective Earth Resistance	<i>Value</i> .077	<i>Unit</i> Ohm	<i>High limit</i> .3	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Differential Leakage	Differential Leakage					
Normal Condition	Differential Leakage Normal Condition					
<i>Result:</i> Normal Condition	<i>Value</i> 131	<i>Unit</i> uA	<i>High limit</i> 500	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Open Earth	Differential Leakage Open Earth					
<i>Result:</i> Open Earth	<i>Value</i> 131	<i>Unit</i> uA	<i>High limit</i> 500	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Normal Condition, Reversed mains	Differential Leakage Normal Condition, Reversed mains					
<i>Result:</i> Normal Condition, Reversed mains	<i>Value</i> 133	<i>Unit</i> uA	<i>High limit</i> 500	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Open Earth, Reversed Mains	Differential Leakage Open Earth, Reversed Mains					
<i>Result:</i> Open Earth, Reversed Mains	<i>Value</i> 132	<i>Unit</i> uA	<i>High limit</i> 500	<i>Low limit</i>	<i>Standard</i> IEC 62353 (CL1)	
Insulation Resistance	Insulation Resistance					
<i>Configuration:</i> Test Voltage: 500V						
Mains to Protective Earth	Insulation Resistance Mains to Protective Earth					
<i>Result:</i> Mains to Protective Earth	<i>Value</i> 99999	<i>Unit</i> MOhm	<i>High limit</i>	<i>Low limit</i> 2	<i>Standard</i> IEC 62353 (CL1)	

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