

# Fluke Biomedical

Date:05/03/2014

## Test Setup:

Operator ID: Philip Crossley  
Calibration Tech : ULTRAMEDIC\_LTD  
Calibration Date : 02/07/2014  
Firmware Version : 2.05.52  
Serial Number: 2433026  
Date: 21/02/2014 01:03pm  
JOB Name:

## DUT Information

Equipment Number: 14093  
Serial Number : ZW 2198 ZW  
Manufacturer: Nufer  
Model: Ceratherm  
Location: Royal Preston  
Other:

## Template Information

Template Name: Rapid\_60601\_CL1  
Pause after Power ON: NO  
Power ON delay: 1  
Test Speed: RAPID  
Halt on Test Failure: YES  
Include Time: YES  
Insulation Resistance Voltage: 500V  
Multi Enclosure Test : YES

Standard: CUSTOM  
Pause before Power OFF: NO  
Power OFF delay: 0  
Test Mode: AUTO  
Multi PE Test: YES  
Multi Resstore: WORST/LAST  
Reverse Polarity: YES

## PLC Configuration-Applied part setup

AP Name: AP Type: AP Num:

## ESA615 Test Results

| Test Name                                     | Value     | High Limits | Low Limits | Status |
|-----------------------------------------------|-----------|-------------|------------|--------|
| Protective Earth Resistance                   | 0.097 Ohm | .2          | -          | P      |
| Protective Earth Resistance                   | 0.086 Ohm | .2          | -          | P      |
| Insulation Resistance                         |           |             |            | P      |
| Mains to Protective Earth                     | 999 MOhm  | -           | 2          | P      |
| Mains to Non-Earth Accessible Conductive Part | 999 MOhm  | -           | 7          | P      |
| Applied Parts to Protective Earth             | 999 MOhm  | -           | 20         | P      |
| Mains Voltage                                 |           |             |            | P      |
| Live to Neutral                               | 246.6 V   | -           | -          | P      |
| Neutral to Earth                              | 0.6 V     | -           | -          | P      |
| Live to Earth                                 | 246.9 V   | -           | -          | P      |
| Equipment Current                             | 2.8 A     | -           | -          | P      |
| Earth Leakage Current                         |           |             |            | P      |
| Normal Condition                              | 304 uA    | 500         | -          | P      |
| Open Neutral                                  | 557 uA    | 1000        | -          | P      |
| Open Neutral- Reversed Mains                  | 559 uA    | 1000        | -          | P      |
| Normal Condition- Reversed Mains              | 253 uA    | 500         | -          | P      |
| Enclosure Leakage Current                     |           |             |            | P      |
| Normal Condition                              | 0.4 uA    | 100         | -          | P      |
| Open Earth                                    | 305 uA    | 500         | -          | P      |
| Open Neutral                                  | 0.4 uA    | 500         | -          | P      |
| Open Neutral- Reversed Mains                  | 0.4 uA    | 500         | -          | P      |
| Normal Condition- Reversed Mains              | 0.4 uA    | 100         | -          | P      |
| Open Earth- Reversed Mains                    | 252 uA    | 500         | -          | P      |

Signature