

# Test Report

| Step | Description  | Units | Limits         | Results            | Pass | Fail |
|------|--|-------|----------------|--------------------|------|------|
| 1    | 0010.0003 Write Charger Limiter Table (Limit=75%) [18s]        | N/A   | Pass           | TRUE               | ✓    |      |
| 2    | 0010.0020 Check Leak (2) 47 @ 25,1cmH2O: Control Flow Sen      | SLPM  | -5 to 5        | 1,22               | ✓    |      |
| 3    | 0010.0021 Check Leak (2) @ 25,1cmH2O: Test Setup [7m 2s]       | SLPM  | -5 to 5        | 0,00               | ✓    |      |
| 4    | 0010.0070 Check HW Revision [7m 2s]                            | N/A   | EQ 0           | 0                  | ✓    |      |
| 5    | 0010.0080 Check SW Revision (DSP rev. 13) [7m 2s]              | N/A   | EQ 14.2.05     | 14.2.05            | ✓    |      |
| 6    | 0010.0110 Check Clock Settings [7m 2s]                         | s     | LE 300         | 0                  | ✓    |      |
| 7    | 0010.0120 Int.Batt.Cap.@(T=22C,SH=91%,CC=28,CF=0,ME=1) [7m 2s] | %     | 15 to 85       | 82,00              | ✓    |      |
| 8    | 0010.0121 Det.Batt.Cap.@(T=20C,SH=81%,CC=80,CF=0,ME=1) (1      | %     | 15 to 85       | 71,00              | ✓    |      |
| 9    | 0010.0130 Check Ref. Voltage [7m 3s]                           | mV    | 2450 to 2550   | 2497               | ✓    |      |
| 10   | 0010.0140 Motor Temperature [7m 3s]                            | C Deg | 15 to 82       | 30                 | ✓    |      |
| 11   | 0010.0150 Check CPLD SW Revision [7m 3s]                       | N/A   | EQ 12          | 12                 | ✓    |      |
| 12   | 0010.0160 Boot Monitor SW Revision [7m 3s]                     | N/A   | EQ 4.0         | 4.0                | ✓    |      |
| 13   | 0010.0170 Int. Batt. S/N [7m 3s]                               | N/A   | 00203905       | 00203905           | ✓    |      |
| 14   | 0010.0180 Detach. Batt. S/N [7m 3s]                            | N/A   | 00202D35       | 00202D35           | ✓    |      |
| 15   | 0020.1030 Write Image Table [7m 13s]                           | N/A   | Pass           | TRUE               | ✓    |      |
| 16   | 0030.0010 Sensor Board Table Active [8m 25s]                   | N/A   | Pass           | TRUE               | ✓    |      |
| 17   | 0030.0020 Device Table Active [8m 25s]                         | N/A   | Pass           | TRUE               | ✓    |      |
| 18   | 0030.0030 Proximal Pressure Table Active [8m 25s]              | N/A   | Pass           | TRUE               | ✓    |      |
| 19   | 0030.0040 Charger Settings Table Active [8m 25s]               | N/A   | Pass           | TRUE               | ✓    |      |
| 20   | 0030.0050 Image Table Active (Trilogy100_ImageCalTable.bi      | N/A   | Pass           | TRUE               | ✓    |      |
| 21   | 0030.0080 Device Name [8m 27s]                                 | N/A   | ogy 100, Latin | ogy 100, Latin Ame | ✓    |      |
| 22   | 0030.0090 Device Model [8m 27s]                                | N/A   | EQ LA1054096   | LA1054096          | ✓    |      |
| 23   | 0030.0100 Device S/N [8m 27s]                                  | N/A   | EQ TV11412164B | TV11412164B        | ✓    |      |
| 24   | 0030.0110 Product ID (Trilogy 100 Ventilator) [8m 27s]         | N/A   | EQ 2C          | 2C                 | ✓    |      |
| 25   | 0030.0170 Pos Flow Verify: dP2 at 191,7 (Setpoint 190) [1      | SLPM  | 180,5 to 202,8 | 140,7              |      | ✗    |
| 26   | 0030.0180 Pos Flow Verify: dP2 at 167,7 (Setpoint 165) [1      | SLPM  | 157,5 to 177,9 | 123,5              |      | ✗    |
| 27   | 0030.0190 Pos Flow Verify: dP2 at 142,7 (Setpoint 140) [1      | SLPM  | 133,5 to 151,9 | 107,0              |      | ✗    |
| 28   | 0030.0200 Pos Flow Verify: dP2 at 131,7 (Setpoint 130) [1      | SLPM  | 122,9 to 140,4 | 99,6               |      | ✗    |
| 29   | 0030.0210 Pos Flow Verify: dP2 at 122,2 (Setpoint 120) [1      | SLPM  | 113,8 to 130,6 | 93,0               |      | ✗    |
| 30   | 0030.0220 Pos Flow Verify: dP2 at 110,5 (Setpoint 110) [1      | SLPM  | 102,6 to 118,4 | 85,6               |      | ✗    |
| 31   | 0030.0230 Pos Flow Verify: dP2 at 96,2 (Setpoint 100) [13m     | SLPM  | 88,8 to 103,5  | 75,0               |      | ✗    |
| 32   | 0030.0240 Pos Flow Verify: dP2 at 88,0 (Setpoint 90) [13m      | SLPM  | 81,0 to 95,0   | 67,8               |      | ✗    |
| 33   | 0030.0250 Pos Flow Verify: dP2 at 77,0 (Setpoint 80) [13m      | SLPM  | 70,4 to 83,6   | 59,7               |      | ✗    |
| 34   | 0030.0260 Pos Flow Verify: dP2 at 67,5 (Setpoint 70) [13m      | SLPM  | 61,3 to 73,7   | 52,6               |      | ✗    |
| 35   | 0030.0270 Pos Flow Verify: dP2 at 57,2 (Setpoint 60) [13m      | SLPM  | 51,4 to 63,0   | 44,5               |      | ✗    |

Test Started On 01/12/24 10:02:54

Serial Number TV11412164B

Elapsed Test Time 20m 47s

Status **FAIL**

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Audit Info Printed to:doPDF v7 from RESPIRONICS-PC in Production mode.

 File: C:\Program Files\Trilogy Service Cal And Test\Trilogy Repair\_PM Cal And Test.exe, Size: 8674304, 05/09/23 10:38  
 Station Cfg CRC: 5219, 09/01/21 01:39, Test Cfg CRC: 94CF, 09/01/21 01:39, Models Cfg CRC: 2F86, 05/05/23 08:20