

INTERNATIONAL OXIMETRY SENSORS & CABLES, INC.

DALLAS, TEXAS

QUALITY CONTROL PROCEDURE

REPAIRED SaO2 CABLES

Original Copy - Engineering
Copy #1 - Quality assurance
Copy #2 - Quality Control
Date Initiated 11/29/95 by GW

Rev: _____ Date _____ by _____

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MFR: CRITICARE

MODEL: 511-10L & 934-10L

I. PHYSICAL

A. CONNECTOR

1. Inspect for bent or broken pins.
2. Inspect strain relief.
3. Inspect for proper connector assembly and secure mechanical union.

B. CABLE

1. Inspect for cuts and/or abrasions.
2. Inspect for cleanliness.

C. CLIP

1. Inspect for traces of glue or epoxy.
2. Check for proper assembly of clips, pads, springs and cable retainer.
3. Check that "Company identification" label has been attached.

II. ELECTRICAL

A. LED's

NOTE: Set COMPONENT TESTER to: * - Lo
* - A

1. Connect cable to "J" connector on the test fixture.

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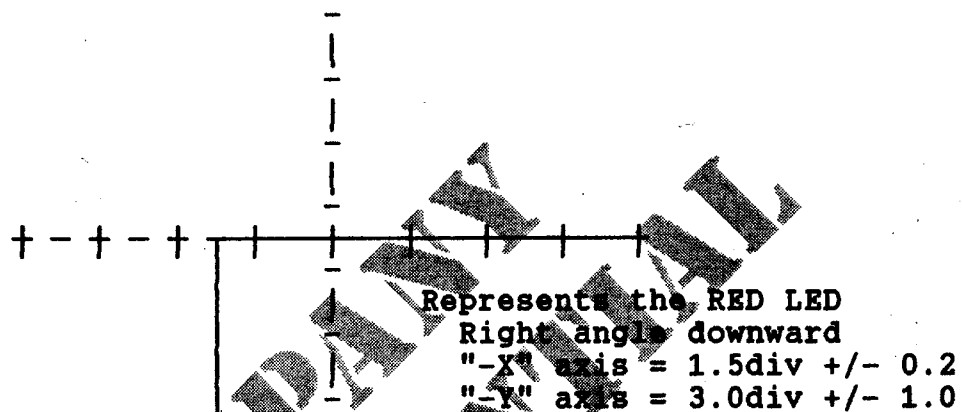
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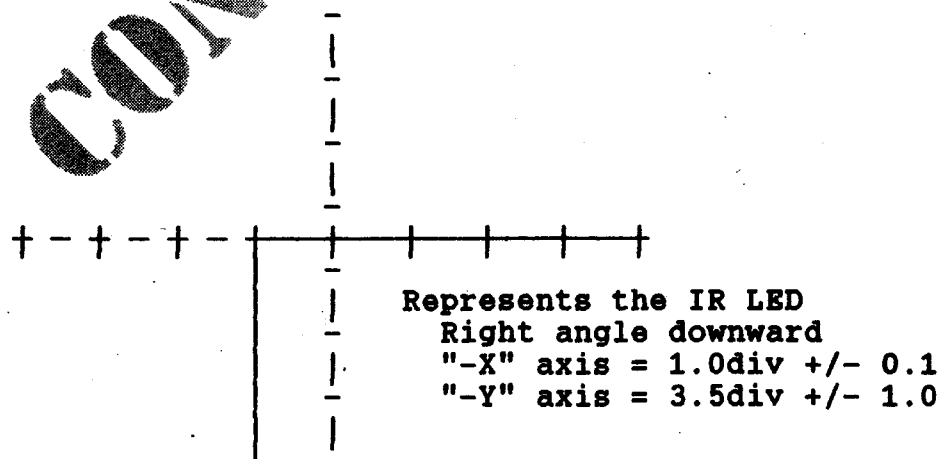
II. ELECTRICAL (cont.)

A. LED's (cont.)

2. Place "BLUE (S1)" switch in position "2". The COMPONENT TESTER should indicate the following pattern.



3. Place "BLUE (S1)" switch in position "3". The COMPONENT TESTER should indicate the following pattern.



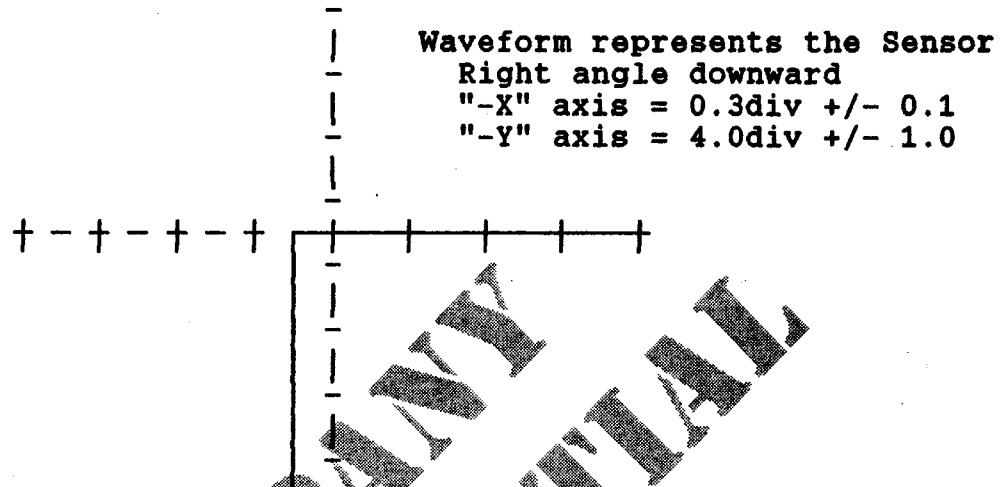
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B. SENSOR

1. Place "BLUE (S1)" switch in position "4". The COMPONENT TESTER should indicate the following pattern.



III. PERFORMANCE (record readings on WORKSHEET)

A. CABLE CONNECTOR

1. Connect the cable to the "CRITICARE" Oximeter Monitor.

B. SENSOR CLIP

1. Attach the sensor clip to the "RED" Nonin Saturation Test Unit.
2. Pulse the unit about once per second.
3. The Oximeter should read "96"% SaO2 (+/- 2).
4. Attach the Sensor Clip to the "BLACK" Nonin Saturation Test Unit.
5. Pulse the unit about once per second.
6. The Oximeter should read "82"% SaO2 (+/- 2).

IV. GENERAL

- A. Make sure all entries are recorded on worksheet.
- B. Indicate "Acceptance" or "Failure".
NOTE: If unit fails, return to repair technician.
- C. If accepted, record the date QC was performed.
- D. Send the unit, with the worksheet, to shipping for return to the customer.