



# **Work Instructions & Test Methods**

Final Quality Assurance is carried out in Viamed.

All probes

1. visually inspected
2. diodes and resistors checked.
3. Boxed
4. labelled
5. Insert added

One sample of each type and each batch are fully tested for "R" curve on DL3000 and the original manufacturers instrument.

The basic probes can have the instrument connector changed in line with the Repair facility procedures so that they can be used on other types of equipment.

**UDT SENSORS, INC.**

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Mr. Chris Fontana  
Medical Cables Inc.  
1340 Logan Ave.  
Costa Mesa Ca. 92626

Dear Chris:

Listed below is the final test process that each of the Pulse Oximeter probes are subject to prior to shipping them to you;

100% functional test is performed by a trained operator, placing the probe on the finger attached to the appropriate pulse oximeter box. Each probe must show an active pulse and > 93% oxygen saturation.

The probes are then cleaned with alcohol and inspected for visual defects.

A functional test audit is performed next by a trained Quality Assurance Inspector, using the same test method listed above. The test is performed at AQL 1.5 level II. This equals 13 PCs from each 50-piece lot. Pass on zero failures, fail lot on 1 failure.

A trained Quality Assurance inspector performs a final visual inspection.

The probes are then serialized and placed in a bag with the appropriate lot traceability information written on the inspection label.

Regards