VIAMED

SpO₂ 'Y' Probe Assembly

COMPANY OPERATING PROCEDURES
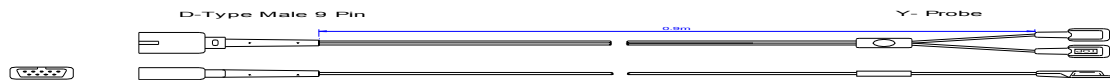
0018732 Datex P873YA

VM3/COP/35.18

Date: 15-May-02 **Revision date: 7-Apr-11** Issue: 3

Equipment required: Soldering iron (0060120), solder (0050012), Wire stripper (0060030), Flush Cutter (0060010), Snipe nose pliers (0060021), 'helping hand' (0060145), Heat gun (0060100).

Parts list: Kit and parts required.

D-type male 9-pin Pre-manufactured			Y Probe Side Pre-manufactured		
Qty		Part No.	Qty	Description	Part No.
1	Pre- manufactured probes.				0018732

ASSEMBLY OPERATIONS

1. P873YA is a pre-manufactured unit that is not assembled by Viamed.

TESTING

1. Attach D-Type male 9-pin side to a Datex adapter cable and then test box connector marked 'M'.
2. Check display is showing correct characteristics as shown below. (At correct switch positions)

LED should read approx 1.8v →| |←

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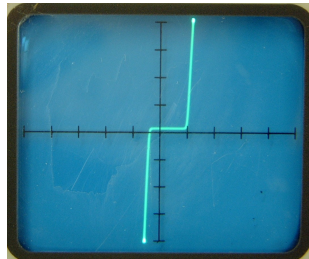| COMPANY OPERATING PROCEDURES |
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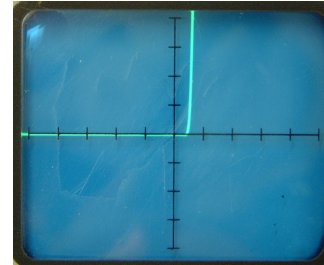Date: 15-May-02   **Revision date: 7-Apr-11**   Issue: 3
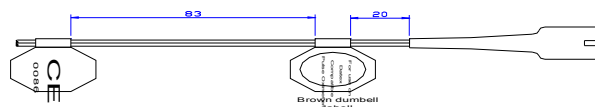

| Position 1. IR, LED. | Position 4. Detector |

3. If the LED signal is at the bottom then it is wired incorrectly.
4. 'Play' with wire at connections to see if any change in the display (i.e. flickering etc).
5. If there is any movement of signal it must be reported to the supervisor. Then tested again until results are satisfactory.
6. Check the cable is of correct quality standard. (See VM/COP/30.11 for details).
7. Connect to the Datex monitor and attach probe on ear to check SpO₂ level. (Ideal reading 95-100.)

Labelling

1. Labels: to be attached facing upwards as looking at the top of the probe.
   - 1 x CE Label
   - 1 x Viamed part no. label on lower face of connector.
   - 1x Brown Datex dumbbell label.

Quality Assurance (QA)

1. Attach D-Type male 9-pin side to a datex adapter cable and then test box connector marked 'M'.
2. Check display is showing correct characteristics as shown below. (At correct switch positions)

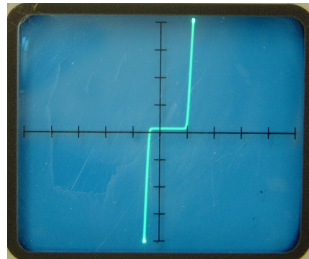LED should read approx 1.8v

COMPANY OPERATING PROCEDURES

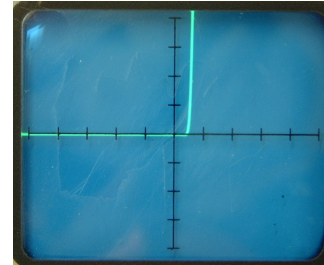0018732   Datex   P873YA

VM3/COP/35.18

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Position 1. IR, LED.   Position 4. Detector

3.   If the LED signal is at the bottom then it is wired incorrectly.
4.   'Play' with wire at connections to see if any change in the display (i.e. flickering etc).
5.   If there is any movement of signal it must be reported to the supervisor. Then tested again until results are satisfactory.
6.   Check the cable is of correct quality standard. (See VM/COP/30.11 for details).
7.   Connect to the Datex monitor and attach probe on finger to check SpO$_2$ level. (Ideal reading 95-100.)
8.   Fill and sign attached paperwork.

Packaging

1.   Visually check all labels are attached properly
2.   Using a twist tie (bunny clip) wrap the cable and place in a small blue Viamed plastic box, ensuring the cable is inserted in a neat and tidy presentable manor.
3.   Place a serial number sticker (supplied with the batch) on the front face of the box.
4.   Place a packed and tested sticker (also containing initials of the individual who is packing) on the right hand side top left corner of the box. Do not close box.

Final QA

1.   Final inspection. Visually ensure cable sit neatly within the box and is in a presentable state.
2.   Boxes are ready to stock in stores.