

### COMPANY OPERATING PROCEDURES

0210413 Paediatric Surface / Skin

VM3/COP/34.30

Date: 7-Oct-03

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. **NOTE!!!! USES 3.5mm JACK PLUG NOT 6.5mm as shown – use with dolphin 2150 ONLY (D Lamb)**

Parts		
Qty	Description	Part No.
1	Thermistor	0231100
1	Connector	
1	Casing	0231001
1	Strain Relief	0030618
1	Cable Grip	0030500
1	Ø6 x 40 mm Clear heat shrink	0032331
2	Ø9 x 15mm Clear heat shrink	0032332
1	Ø6 x 40 mm Black heat shrink	0032321
1	Can of clear acrylic spray	

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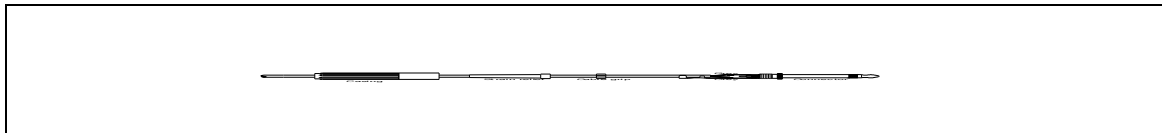
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### ASSEMBLY OPERATIONS



1. Pre Heat soldering iron temperature to 240°C.
2. Collect all required parts and equipment listed above from the stores.
3. Feed Ø6 x 30 mm clear heat shrink, casing, strain relief, and cable grip over cable end.
4. Heat Ø6 x 40 black heat shrink over the grey wires leaving approximately 8mm of grey wire visible at the end and strip 2mm off the ends.
5. Solder one grey wire to the leg of the connector (see diagram) and heat the Ø9 x 15mm clear heat shrink over it to cover naked wire and bolt.
6. Solder the other grey wire to the surface and clamp the grip and cable grip around the cable. Heat the Ø9 x 15mm clear heat shrink over it to cover naked metal.
7. Screw the casing onto the connector.

### Labelling

1. Labels to be attached:
  - 1 x CE Label
  - 1 x Serial no. Label
  - 1x White 'do not throw away' dumbbell label with the following label attached to the reverse side:

**0210413**  
 Paediatric Temperature  
 probe. Surface/Skin –  
 37804  
**CF60901895**

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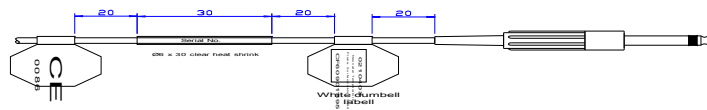
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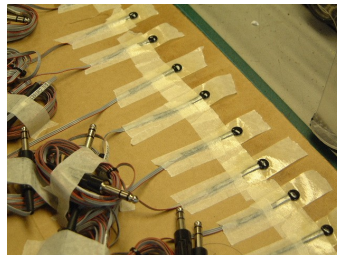
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#### Re-Spraying

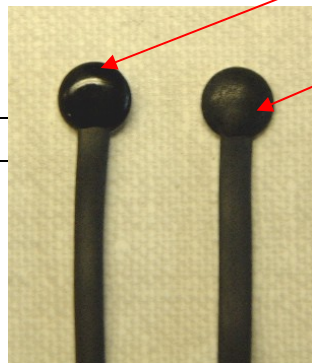
1. Cover area of wire leaving just the thermistor head showing (10 at a time).



2. Take all covered units to the spraying booth and spray the heads.
3. Leave to dry for 1 hour and repeat to give 4 to 5 coats (or until a good quality of finish can be seen).

Acceptable finish

Unacceptable finish



#### Testing

1. Using the test equipment check to see if the probe works. Reading for mono should show

between 2 and 3 kΩ.

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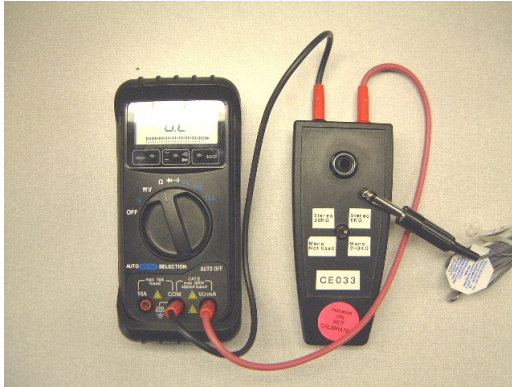
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#### Packaging and Storage

1. Visually check all labels are attached properly.
2. Using a twist tie (bunny clip) wrap the cable and place in a plastic bag. Attach a label on the bag showing all necessary details. Also seal the bag using a packed and tested sticker.

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3. Place 10 bagged units into a larger plastic bag (pt no. 9950211) and book into stores.