

F.A.O.
Dr Paul Ellwood
Innovation Hub Project Manager
University of Leeds
Charles Thackray Building
101 Clarendon Road
Leeds LS2 9LJ

Viamed VM 2105 Finger Pulse Oximeter Project

After the production of the initial prototype tooling for the VM 2105 finger pulse oximeter we realised several issues that needed addressing. Unfortunately these have necessitated the production of revised tooling, which is currently in progress. Second stage prototypes from the revised tooling are envisaged by the end of June.

The issues with the first prototype tooling are as follows:

- a) The seal around the screen could not be easily finished to a required quality for production units.
- b) The screen has been enlarged to accept a slightly larger newly released OLED display.
- c) The function button has now been integrated as part of the moulding to facilitate easier and more effective cleaning.
- d) We are to utilize a later revision PCB with 16-bit processing and low perfusion capabilities. With this new board we are able to reduce the height of the unit to improve its overall appearance. Winged mouldings have been incorporated so that the unit fits a wider population of patients.
- e) The cable run from the upper to the lower casing has been moved from the outer to the inner of the casing so as to improve the appearance.

2nd stage prototype images:



Product not released yet, so no data regarding sales or employment.

Steve Nixon
Director – Viamed Ltd.

30th May 2008