

KH,

23/06/05

We need a source of the yellow boxes. Not necessary to have the name.
Initial requirements 500

The AX MX demonstration models. Can they be sent to Singapore a.s.a.p.

510(k) In the UK estimated costs after preparing the file are £5,200 to £8,000
For the Pulse Oximeter the Dolphin style tests are essential. (See Dolphin booklet)

Blu-Ox. I still like the case concept you have offered.

I showed you the prototype model I built. It was too big.

We have compressed the size so the CAD drawings you have can be substantially reduced. Our prototype is Multi functional. The sensor will normally sit inside the case. It is essential that the case the joints are 100% watertight. I.e a very good fit around the sensor with an O ring on the sensor thread to take up any slack and an O ring around the removable base.

For a few applications the sensor may be removed and an extension lead added. A dummy sensor will be used to fill the sensor compartment at this time.

The electronics has the ability to be on/off or on/auto switch off. This will be by links and they need to be accessible. I would like to try and seal the electronic section so that it is never opened after manufacture.

There will be another link to change the function of the monitor.

It would be acceptable to have these links either in the sensor or battery compartments.

The only ergonomic problem I foresee is the length of the handgrip. If the length is too short people with wide hands will find it hard to use. Our present length is on the limit.

The batteries can be accessed from the top as in the original design or you could combine the Battery compartment cover with the Sensor compartment cover and have one cover for both functions. I would prefer no screws but appreciate they may be essential to guarantee waterproofing.

Finally although waterproofing is essential I also need a method of temporarily releasing the seal for measurement at altitude. This may be possible by using the O ring) or a compression ring between the sensor and the retaining cover.

There are still software and hardware modifications so the B.O.M. will follow.

John S Lamb