

15-01-02

PROJECT MEETING QUICK OX

JAS, Simon. JSL

Existing DPM Low current 5yr Battery life not satisfactory
(20 μ A Battery drain)

Suggested replacement 10255

Battery drain 250 μ A.

Action

Using high output sensors: requires no amplification
Check with Neil Robinson can alarm circuit be used to drive

D.P.M (5V - 250 μ A)

New larger Battery to give minimum 3 yrs life

New case design.



VIAMED

Design Review

11/02/07

BW, GGL. SW. TSL

Sensor holder reviewed

New drawing

New O'ring

Colour Black.

Body thickened to allow moulding

Small retaining Pips inside to
ensure complete compatibility with sensor
insert.

LISA

Please could you raise an order for :-

Neil Rollins

PM Electronics.

To continue development of the battery powered
Oxygen monitor as discussed at the meeting
on 11/8/00.

To deliver a prototype for testing in relative
format.

Cost to be in line with previous estimate (attached)

Please fax him with order no and rough details
so he can proceed.

New supplier no.
(11719)

Many Thanks

Simon

→

Sampler Theory

The block terminates with a DIN fitting no screw
thread on one end and an A clamp inserted fitting on
the other Fig 20 3.

The block is held onto the cylinder by hand
The cylinder is opened as with existing Dow Kit on VN202.

A sample of gas is trapped inside the block

Two small vents A.B. allow gas to escape to atmosphere.
as also to the rear membrane of the sensor. concerning
the pressure differential problem of the sealed sensor in
box.

The block is held onto the monitor base using the
Flare ducton thread. The vents are sealed from the
block using a double shape nut to fit into a double shape
female on the base of the analyzer Fig 8 - 7. - 4
A third release hole is opposite the Flare ducton to
release pressure from membrane.