PROBE F.A.Q

1) Normal temp. but E03 / E02 on D.O.
Reason:
a) Low on electrolyte
Solution: See page 16 to refill the electrolyte and run 100% calibration.
b) Membrane defect
Solution: See membrane change procedure and run 100% calibration.
c) D.O. sensor damage
Solution: Could not be fixed by user.

2) E01 on temp. and D.O. reading
Reason:
a) The probe is disconnected
Solution: Plug on the probe and make sure a good contact.
b) The wire inside the probe connector is broken.
Solution: Could not be fixed by user.
c) The inside wire of the probe is broken
Solution: Could not be fixed by user.

3) E03 on temp. and E04 on D.O. reading
Reason:
a) The temp. sensor is damaged.
Solution: Could not be fixed by user.
b) The temp. related wire inside the probe connector is broken.
Solution: Could not be fixed by user.

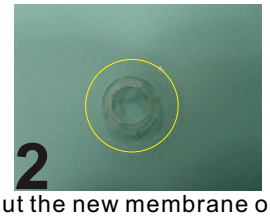
4) E17 on D.O. Reading
Reason:
a) 100% saturation calibration error
Solution: see membrane change procedure and run calibration again.

NOTE: see E2/E3-->Run calibration -->if see E17-->loose the probe guard-->run calibration -->tighten the probe guard--> run calibration --> Finished!!

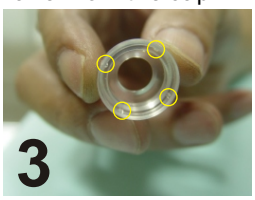
5) E31 on temp. and D.O. Reading
Reason:
a) The inside wire of the probe is broken
Solution: Could not be fixed by user.

MEMBRANE CHANGE

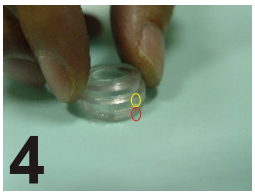
Remove the old membrane from the cap



Put the new membrane on the top & center of the ring



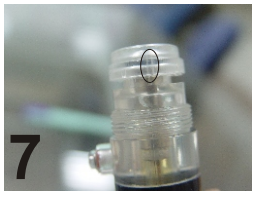
Find out the four alignment points on the cap before putting it on ring



Put the cap onto the membrane. Make sure the alignment points on cap and ring are matched.

Put the black O-ring on the top of sensor. Make sure the O-ring is flat.

Find out the alignment points inside the ring of step4 semi-assembly part



Put the semi assembly part (finished in step4) on the top of the O-ring.

Put on the probe guard and screw tight.

9 Run the calibration. If see E17 appear on meter LCD, slightly loose the outer cover until a reading appears on LCD and then run calibration again.

10 After calibration, turn the probe guard tightly and run the calibration again.