DEALER LEAK TEST KIT COMPRISES OF THE FOLLOWING

- Cradle with air coupling (Includes feature to disable water deactivation for the appropriate models)
- Air regulator with gauge and hand slide valve
- One metre of blue 6mm air line

DEALER LEAK TEST KIT REQUIRES THE FOLLOWING

- An air supply capable of supplying greater than 1.0 bar (≈15 psi) of dry compressed air.
- Air line connection, both male and female fittings (male with G 1/4 internal thread to suit adaptor on slide valve), suited flexible air line (from compressed air supply).
- A suitable tank that will allow complete submersion of the beacon in the required orientation.
- A location in which to mount the supplied air regulator/slide valve.

PROCEDURE

1. Attach a suitable air line fitting to hand slide valve end and mount air regulator/valve in an upright position.
2. Fit one end of blue air line into push connector on regulator, and the other end over the barbed fitting located on the end of the air coupling.
3. Connect compressed air supply to fixture, assuring that the hand slide valve is in the off position (blue slider pushed away from the regulator.
4. Pull back air coupling and rotate 90 degrees to lock into position ready for Unit Under Test (UUT) insertion.
5. Insert UUT into cradle as per normal operation.
6. Pull back air coupling slightly and rotate a further 90 degrees to unlock, slowly allow the coupling to retract, such that the tip gently engages into the UUT's test point. Ensure the O-ring is pressed up firmly against the UUT's cap in order to create an air tight seal.
7. Using the slide valve, turn air supply on and set regulator pressure to 1.0 bar (≈15 psi) by adjusting the blue control knob situated on the top of the regulator.
8. Leak test the beacon as detailed in the Technical Service Manual (Part # 310433).
9. On completion of inspection, turn off the air supply, retract/lock the air coupling back into place and remove the UUT. Ensure that water does not enter the UUT's test point.

MAINTENANCE

- After use, dry fixture down and ensure moving components are lightly oiled to prevent corrosion and seizing.
- Periodically check the O-ring on the end of the air coupling for wear and or damage and replace if necessary.

MT400 Series EPIRB Test Setup