



Quantum Manual Hydrostatic Fuel Tank Gauge

Operation and Installation:

The gauge is connected by tubing to a balance chamber at the bottom of the tank. A few strokes of the hand pump introduces air into the system, expelling the liquid from the tube inside the tank. Balancing the static head of liquid in the tank enables the contents to be indicated on the gauge.

Construction:

Case - Stainless Steel
Connection - Brass
Balance chamber - Brass or PVC for chemicals
Tubing - Polyethylene or other to suit liquid

Installation:

The gauge is supplied complete with a balance chamber and tubing.

Fix the unit to a suitable surface, on the same level, or below the tank.

Insert the balance chamber through the boss at the top of the tank, lower it into the tank allowing it to touch the bottom. Tighten the tank bush, lift the balance chamber up with the tubing and then lower it until it touches the bottom of the tank again. Tighten the gland nut to firmly hold the balance chamber in position.

Once the unit is installed, check pointer is on Zero position, a small adjustment can be made using the Zero Adj. just below centre of dial (adjustment should be restricted to 2% of scale length). Cut the end of the tubing with a sharp knife at 90° to the tube, connect the tubing to the unit by fully pushing the tubing into the blue push-fit fitting. To remove the tubing, push up the blue collar and pull out the tube.

Connect the tubing to the gauge sited in a convenient position within 20m.

Do not pump the gauge multiple times without waiting for the reading to settle.

Service:

The gauge is factory calibrated with no user serviceable parts.

The tank is not required to be empty to fit or remove the gauge subject to site requirements.

