

'PNEUMATIC DIPSTICK' LEVEL GAUGE

FOR REMOTE READOUT OF ABOVE AND BELOW GROUND POLYETHYLENE TANKS



Measure the level in your water storage tank – from the comfort of your own garage!

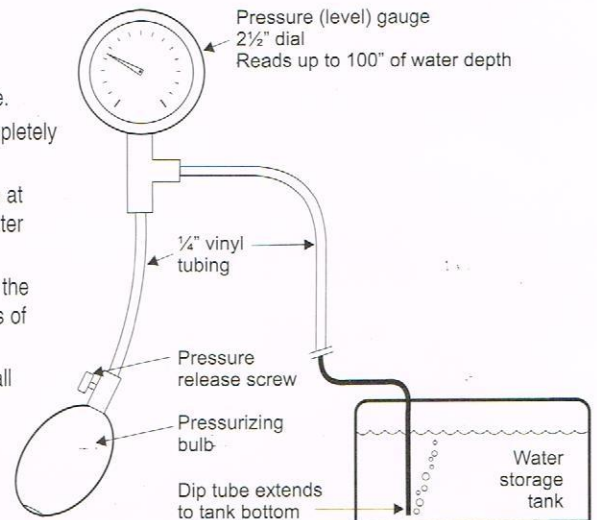
- ★ No power – No wiring
- ★ Simple to install – Easy to use

PRE-ASSEMBLED KIT INCLUDES:

- High sensitivity diaphragm type pressure gauge Full scale 100" of water depth, 2½" dial
- Latex rubber hand pressurizing bulb
- Air flow control valve
- Mounting bracket and screws
- 100' - 3/8" vinyl tubing
- Sinker weight for end of dip tube

HOW IT WORKS:

1. The water level in the dip tube is normally at the same level as the water in the tank.
2. The pressurizing bulb pushes air into the tube which increases the pressure in the tube.
3. As the pressure increases, the water in the dip tube is pushed downward until it is completely expelled from the tube.
4. The pressure reached to completely expel the water is the same as the water pressure at the bottom of the tank. (The water pressure at the bottom increases as the depth of water increases.)
5. The reading on the gauge shows the pressure in inches of water which is the same as the depth in the tank. Accuracy of the gauge is approximately 2%. Note: 1 p.s.i. = 28 inches of water depth.
6. Continued pumping of air into the tube will not change the reading on the gauge after all the water has been expelled.
7. The vertical position of the tank has no effect on measurement. Eg. in the ground, on the roof or up a hill.
8. Suitable for water depths up to 8 feet.



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