

Sterling-Power-USA

Pneumatic Tank Gauge

Why a Sterling Pneumatic Tank Gauge?

Most boats suffer badly from unreliable tank gauges

The unreliability comes from dirty water (often salt) corroding the float meters.

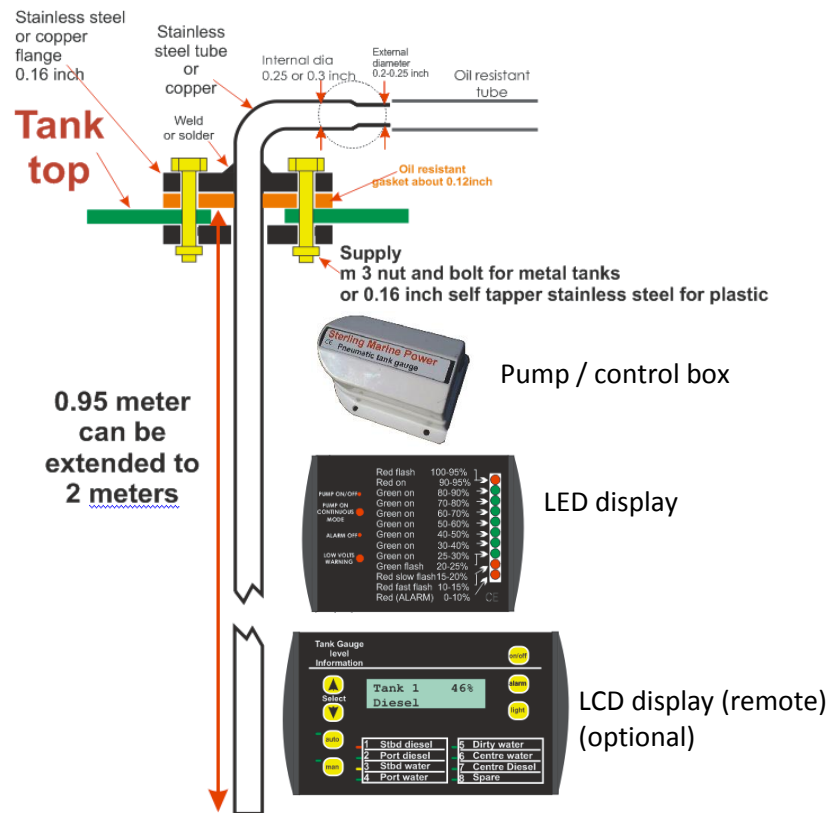
Solution – a simple but effective system

- ✓ Pneumatics overcomes the corrosion problem.
- ✓ Air is pumped through a pipe (aprox. 0.1inch diameter) from the top of the tank to the bottom and the back pressure is then measured.
- ✓ The pressure is directly proportional to the volume of the fluid. Thus volume can be measured.
- ✓ A complex Sterling software program is employed to reduce power consumption of the pump whilst maintaining high levels of accuracy at minimal expense.

The Sterling Tank Gauge is fully programmable

The following information can be programmed using the control box:

1. Tank depth
2. Fluid type / density (gasoline, diesel, sea water)
3. Operation (i.e. alarms can be set to alert when gauge is empty / contaminated with dirty water etc.)



- ✓ The LED display will give a good indication of depth
- ✓ The LED display can be linked to an LCD display (optional) which can scan up to 8 gauges and displays depth in percentage terms.

Tank Gauge System Pump Package & LED Display

Size L x W x D inch	Weight lb.	Part #
Display: 3.5 x 2.5 x 1.0"	1.3	TGS

Tank LCD display scanner unit

Size L x W x D inch	Weight lb.	Part #
6.5 x 4 x 2"	1.8	TGM

Stainless Steel Tube

Size Length	Weight lb.	Part #
39.5 inches	1.0	TGT