



# **TetraTek Products, Inc.**

***We Put It All Together***

## **Precision Fluid Pressure and Temperature Sensor Housings**

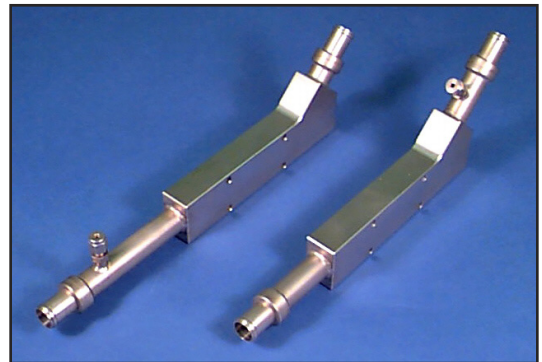
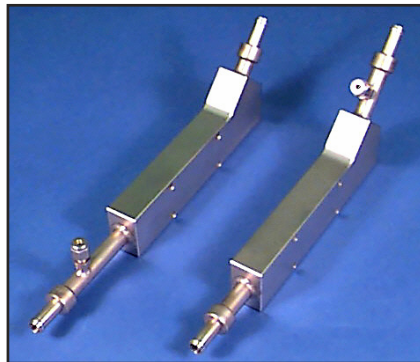
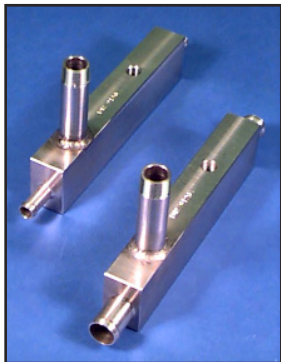
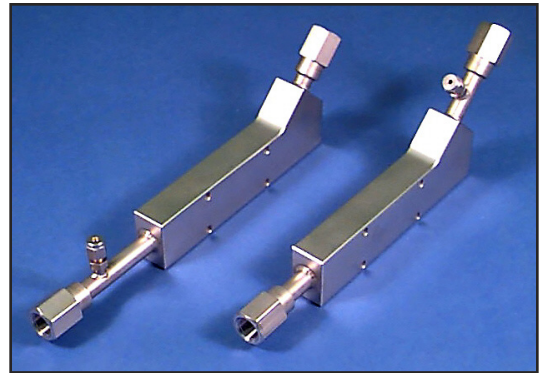
TetraTek FLT30 SmoothFLOW II fluid pressure and temperature sensor housings are fabricated from machined and welded 300-Series stainless steel. They provide a uniform flow field for precise temperature and pressure measurement.

Available sizes vary from 1/4-inch OD tubing to 2-inch OD tubing. Metric sizes are also offered. They can be specified complete with a NIST certified precision RTD temperature sensor or a high quality pressure transducer.

Usually furnished in pairs, these housings each have:

- An upstream or downstream pressure tap.
- Fittings for fluid attachment. Please specify.
- A tapped hole for the RTD sensor.
- A compression fitting for the pressure sensor.
- Passivated welds to minimize contamination.
- A 32-microinch finish on all external surfaces.
- An internal passive rotational mixing assembly.
- Four holes for mounting.

When specified, TetraTek 4-wire Teflon cable, 100 ohm RTD sensors have stainless steel sheaths and an accuracy of 0.05% at 0 C. Standard TetraTek pressure sensors are 2-wire, 4-20 mA units in either 0.25% or 0.1% full scale accuracies.



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