



TetraTek Products, Inc.

We Put It All Together

Precision Fluid Pressure and Temperature Sensor Housings

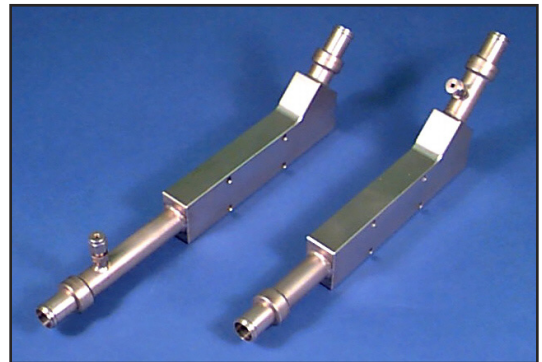
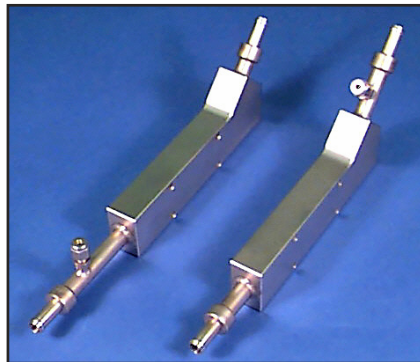
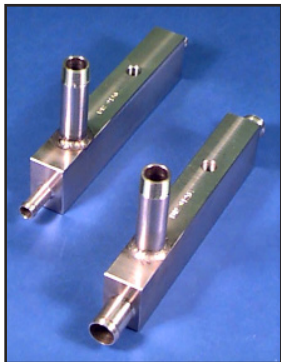
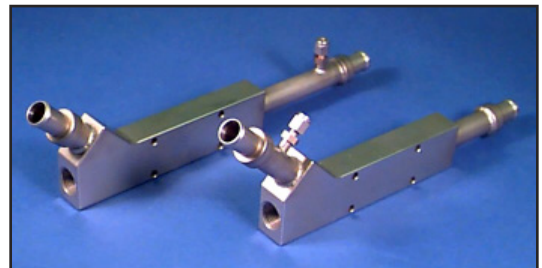
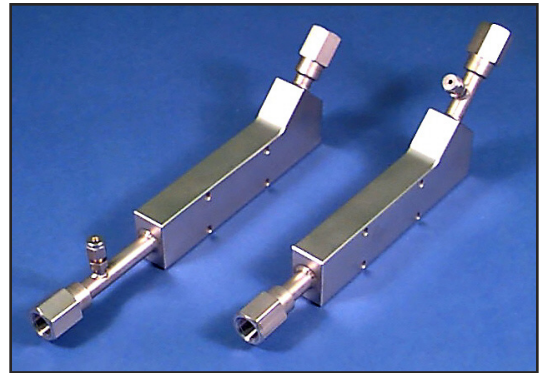
TetraTek FLT30 SmoothFLOW II fluid pressure and temperature sensor housings are fabricated from machined and welded 300-Series stainless steel. They provide a uniform flow field for precise temperature and pressure measurement.

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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