



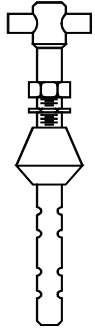
*Quality Products & Sales Inc*  
*Orifice Metering Division*

PO Box 7

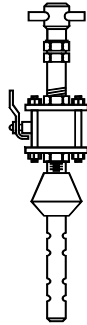
Broken Arrow Ok 74013

Local #(918) 251-0115 \* Watts #(800) 444-4634 \* Fax #(918) 455-1982

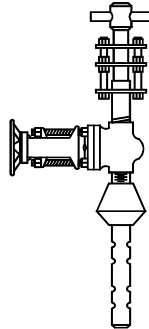
**AVERAGING PITOT TUBES**



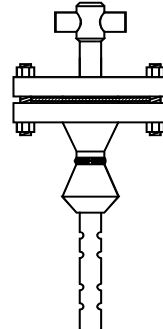
**MODEL 1400**



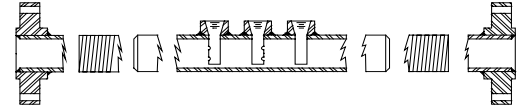
**MODEL 2500**



**MODEL 3100**



**MODEL 4010**



**MODEL 6000**  
 SHOWN WITH OPTIONAL RTD

MODEL NUMBER	SENSOR MATERIAL	WELD FITTING RATING & MATERIAL	PACKING GLAND/GASKET MATERIAL	WORKING PRESSURE RATING	WORKING TEMPERATURE RATING	INSTRUMENT VALVES SIZE & MATERIAL	SUPPORT NIPPLE	ISOLATION VALVE	ISOLATION NIPPLE	MOUNTING & SENSOR FLANGE
MODEL 2500	316 SS	3000# A105	C.S.	160 PSIG	200° F	1/4" NPT BRASS	S/160 C.S. OR HEX NIPPLE	BRONZE	S/80 C.S.	NA
MODEL 3100	316 SS	3000# A105	H.T. STEAM VALVE PACKING	800 PSIG	850° F	1/4" NPT NEEDLE VALVE	S/160 C.S.	OS&Y C.S. GATE VALVE		NA
MODEL 4010	316 SS	3000# A105	CONTACT FACTORY	LIMIT OF FLANGE	LIMIT OF FLANGE	1/4" NPT NEEDLE VALVE	NA	NA	NA	150# TO 2500#
MODEL 6000	316 SS	3000# A105	NA	LIMIT OF PIPE OR FLANGE	LIMIT OF PIPE OR FLANGE	1/4" NPT BRASS	NA	NA	NA	150 TO 2500#

Model #1400 is also available in the double mount style **Model 1720**

Model #4010 is also available in the double mount style **Model 4210**

**Optional Materials:** Monel, Hastelloy, Inconel, Alloy 20

*Other materials quoted upon request*

**Instrument Valves:** 1/4" Brass Valves Standard No Extra Charge

Carbon Steel High Temperature Needle Valves

Stainless Steel High Temperature Needle Valves

Forged Steel Needle Valves



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## **AVERAGING PITOT TUBES**

### **MODEL 1400**

***Single mount packing gland thread-o-let Installation***. It has a very simple and easy weld fitting with packing gland type of insertion. This basic sensor can be used on pipe from 1/2" to 48", as long as the flowing pressure does not exceed the design limitations.

### **MODEL 2500**

remove without shutting down the system. This model has a safety chain to prevent the pressure from pushing it out of the isolation section of the hot tap mounting device.

### **MODEL 3100**

***High Pressure Hot Tap***. This sensor can be installed under high pressure without shutting down the system. We have corrected the common problem of the single nut tightening, by using the heavy duty tie rods systems of tightening the packing gland. No extra tools needed. The Stainless Steel tie rods assure easy insertion or retraction.

### **MODEL 4010**

***Standard Flanged Unit***. For high temperature and pressure. This sensor is designed for use in high temperature and high pressure conditions where conventional type of mounting would be unsafe or would not fit the existing pipe code. The "T" design of the sensor head allows for easy connections to the instrument signal lines. Weld fitting and Weld neck flange is position welded to avoid problems for the installer.

### **MODEL 6000**

***Inline Sensor Tube***. This type of sensor is especially useful in the small pipe pipe sizes of 1/2" to 3". Using two small independent sensor tubes placed so that pressure loss will be at a minimum, and will withstand extremely high flow rates. This type of sensor application is used when you want the accuracy and convenience of a ready to install meter section.