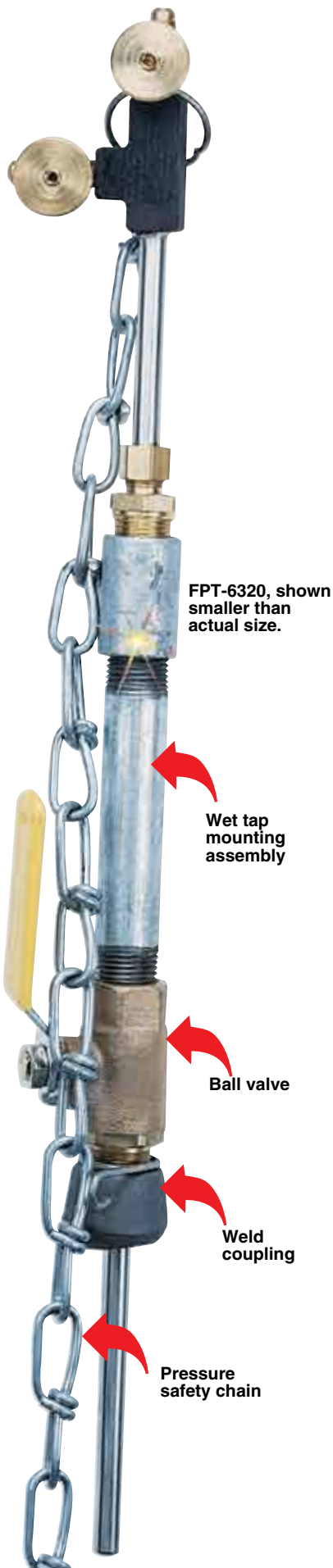


HIGH ACCURACY PITOT TUBES FOR WET TAP INSTALLATIONS



FPT-6300 Series

- ✓ Up to $\pm 1\%$ of Rate Accuracy
- ✓ Wet Tap Assembly Permits Installation/ Removal in Live Lines
- ✓ Very Low Pressure Drop
- ✓ Low Maintenance
- ✓ For Clean, Low Viscosity Liquids, Gases, & Steam

The FPT-6300 averaging pitot tube is similar to the FPT-6100 in performance, but features a wet-tap assembly which permits installation and removal of the sensor in pressurized lines without process shutdown. The weld coupling is first welded into

place, then the ball valve and packing are put in place. Next, a drill is used to drill out the pipe. The drill is partially withdrawn and the ball valve is closed. The drill may then be completely removed and the sensing tube partially installed in the assembly. Finally, the ball valve is opened and the sensing tube is inserted into the flowstream. The FPT-6300 is ideal for retrofits on critical flowstreams.

SPECIFICATIONS

Accuracy, Repeatability and Unrecoverable Pressure Drop: Same as the FPT-6100 series

Max Temperature/Pressure:
88°C (190°F) at 150 psig operating;
88°C (190°F) at 100 psig during insertion or removal

Wetted Parts:

Carbon steel weld coupling and pipe fittings, brass ball valve and packing, and Zytel ferrule. For 316SS construction, consult Flow Engineering Department.

To Order

Model No.	Nominal Line Size	Probe Dia.	Maximum Differential Pressure (H ₂ O)	Max GPM	K	Weight kg (lb)	A* (inch)
FPT-6310	1"	3/8"	1200	115	0.517	1.2 (2.6)	10 3/8
FPT-6312	1 1/4"	3/8"	833	179	0.583	1.2 (2.6)	10 3/4
FPT-6315	1 1/2"	3/8"	668	220	0.580	1.2 (2.6)	11
FPT-6320	2"	3/8"	459	315	0.638	1.2 (2.6)	11 1/2
FPT-6325	2 1/2"	3/8"	338	419	0.617	1.2 (2.7)	12 1/2
FPT-6330	3"	3/8"	237	552	0.665	1.3 (2.8)	13 3/4
FPT-6335	3 1/2"	3/8"	186	657	0.661	1.3 (2.8)	14 1/2
FPT-6340	4"	3/8"	150	756	0.672	1.3 (2.9)	15 1/2
FPT-6350	5"	3/8"	101	956	0.671	1.4 (3.0)	17 1/2
FPT-6360	6"	3/8"	72	1230	0.706	1 (3.1)	19 1/2
FPT-6380	8"	3/4"	164	3109	0.686	2.9 (6.29)	25 3/8
FPT-6381	10"	3/4"	107	4006	0.676	3.1 (6.77)	29 3/8
FPT-6382	12"	3/4"	77	4830	0.683	3.2 (7.10)	33 3/8
FPT-6383	14"	3/4"	65	5443	0.698	3.3 (7.33)	35 3/8
FPT-6384	16"	3/4"	50	6171	0.688	3.5 (7.72)	39
FPT-6385	18"	3/4"	40	7195	0.689	3.7 (8.11)	42 3/4
FPT-6386	20"	3/4"	32	8173	0.686	3.9 (8.51)	46 1/2
FPT-6387	24"	3/4"	22	10210	0.789	4.3 (9.41)	54 3/8
FPT-6388	30"	3/4"	14	12948	0.720	4.8 (10.63)	66 1/2

Comes complete with operator's manual

† Please complete and send in questionnaire from omega.com/flowq with your order.

* This dimension + nominal line size = approximate overall length. This dimension + nominal line size + 5 inches = approximate minimum distance required for probe removal

Ordering Example: FPT-6310, high accuracy pitot tube.