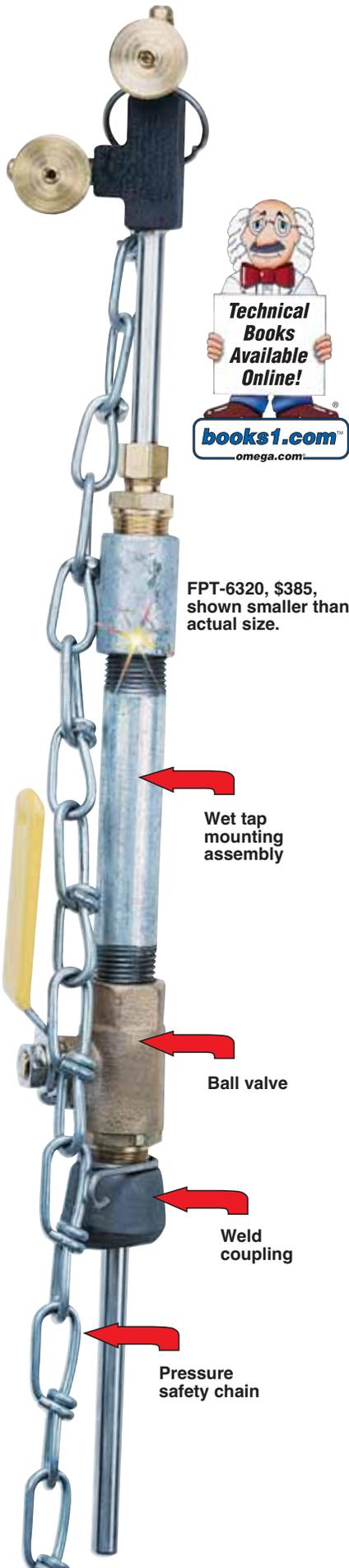


# HIGH ACCURACY PITOT TUBES

## For Wet Tap Installations



FPT-6320, \$385, shown smaller than actual size.

FPT-6310  
**\$369**  
 Basic Unit



- ✓ 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 The drill is partially withdrawn and the ball valve is closed.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 shown on page G-16

**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 Engineering Department.

**MOST POPULAR MODELS HIGHLIGHTED!**

| To Order (Specify Model Number) <sup>†</sup> |       |   |            |  |          |       |                |         |
|--|-------|---|------------|--|----------|-------|----------------|---------|
| Model No.                                    | Price | Nominal Line Size                                       | Probe Dia. | Max. Differential Pressure ("H <sub>2</sub> O) | Max. GPM | K     | Weight kg (lb) | A* (in) |
| FPT-6310                                     | \$369 | 1"  | 3/8"       | 1200   | 115      | 0.517 | 1.2 (2.6)      | 10%     |
| FPT-6312                                     | 369   | 1 1/4"  | 3/8"       | 833  | 179      | 0.583 | 1.2 (2.6)      | 10 3/4% |
| FPT-6315                                     | 385   | 1 1/2"  | 3/8"       | 668  | 220      | 0.580 | 1.2 (2.6)      | 11      |
| FPT-6320                                     | 385   | 2"  | 3/8"       | 459  | 315      | 0.638 | 1.2 (2.6)      | 11 1/2% |
| FPT-6325                                     | 401   | 2 1/2"  | 3/8"       | 338  | 419      | 0.617 | 1.2 (2.7)      | 12 1/2% |
| FPT-6330                                     | 416   | 3"  | 3/8"       | 237  | 552      | 0.665 | 1.3 (2.8)      | 13 3/4% |
| FPT-6335                                     | 432   | 3 1/2"  | 3/8"       | 186  | 657      | 0.661 | 1.3 (2.8)      | 14 1/2% |
| FPT-6340                                     | 432   | 4"  | 3/8"       | 150  | 756      | 0.672 | 1.3 (2.9)      | 15 1/2% |
| FPT-6350                                     | 432   | 5"  | 3/8"       | 101  | 956      | 0.671 | 1.4 (3.0)      | 17 1/2% |
| FPT-6360                                     | 448   | 6"  | 3/8"       | 72   | 1230     | 0.706 | 1 (3.1)        | 19 1/2% |
| FPT-6380                                     | 585   | 8"  | 3/4"       | 164  | 3109     | 0.686 | 2.9 (6.29)     | 25%     |
| FPT-6381                                     | 605   | 10"   | 3/4"       | 107  | 4006     | 0.676 | 3.1 (6.77)     | 29%     |
| FPT-6382                                     | 615   | 12"   | 3/4"       | 77   | 4830     | 0.683 | 3.2 (7.10)     | 33 3/8% |
| FPT-6383                                     | 690   | 14"   | 3/4"       | 65   | 5443     | 0.698 | 3.3 (7.33)     | 35%     |
| FPT-6384                                     | 660   | 16"   | 3/4"       | 50   | 6171     | 0.688 | 3.5 (7.72)     | 39      |
| FPT-6385                                     | 685   | 18"   | 3/4"       | 40   | 7195     | 0.689 | 3.7 (8.11)     | 42 3/4% |
| FPT-6386                                     | 935   | 20"   | 3/4"       | 32   | 8173     | 0.686 | 3.9 (8.51)     | 46 1/2% |
| FPT-6387                                     | 1067  | 24"   | 3/4"       | 22   | 10210    | 0.789 | 4.3 (9.41)     | 54 3/4% |
| FPT-6388                                     | 1237  | 30"   | 3/4"       | 14   | 12948    | 0.720 | (10.63)        | 66 1/2% |
| FW-201                                       | 250   | Reference Book: Differential Pressure Flow Transmitters |            |  |          |       |                |         |

Comes with complete operator's manual  
<sup>†</sup> Please complete and send in questionnaire from page G-14 with your order.  
<sup>\*</sup> 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, \$369.**

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