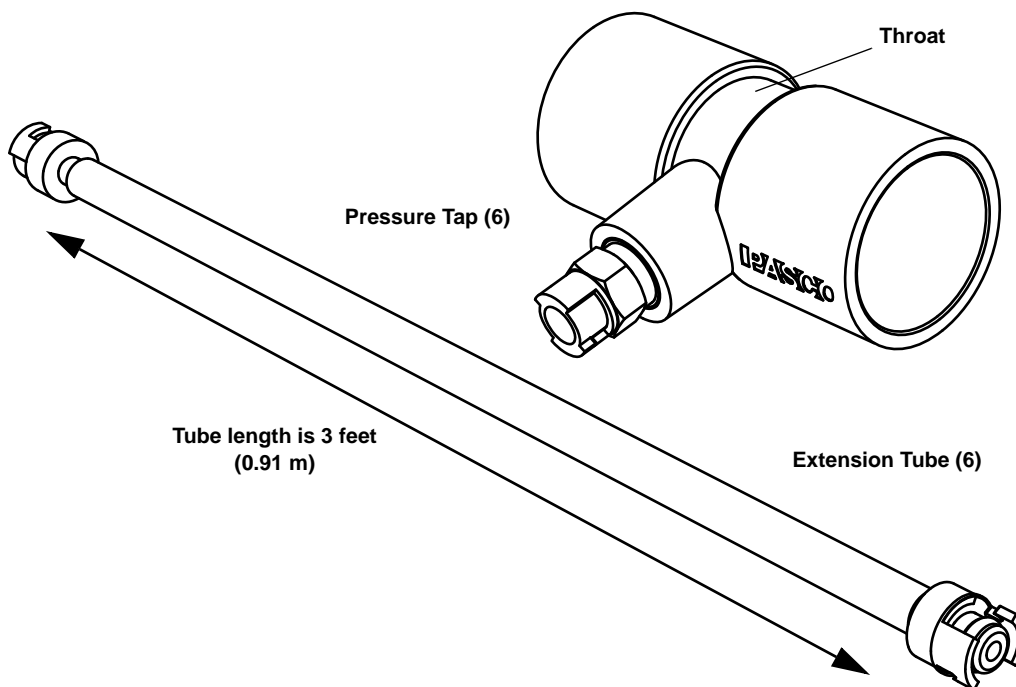


# Pressure Tap

ME-2224



Included Items	Quantity
Pressure Tap	6
Extension Tube (male-to-female, 0.91 m)	6

Required Items*	Information*
PASPORT or <i>ScienceWorkshop</i> Pressure Sensor	see <a href="http://www.pasco.com">www.pasco.com</a>
Absolute Pressure Sensor (PASPORT)	PS-2107
Absolute Pressure/Temperature Sensor	PS-2146
Quad Pressure Sensor	PS-2164
Dual Pressure Sensor	PS-2181
Chemistry Sensor	PS-2170
Absolute Pressure Sensor ( <i>ScienceWorkshop</i> )	CI-6532A
PASCO Interface	see <a href="http://www.pasco.com">www.pasco.com</a>
PASCO Data Acquisition Software	see <a href="http://www.pasco.com">www.pasco.com</a>

\*See the PASCO catalog or the PASCO web site at [www.pasco.com](http://www.pasco.com) for more information.

## Product Description

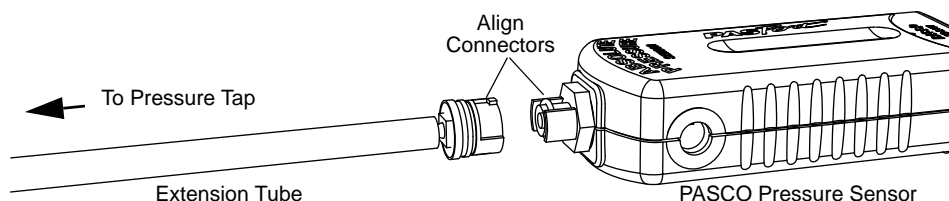
Measuring the pressure at various points in a plumbing system is as important for hydraulics engineering and the study of fluid mechanics as measuring the voltage or current in electrical circuits is for electrical engineering and the study of current electricity. The ME-2224 Pressure Tab is designed to work with the a PASCO Pressure Sensor (PASPORT or *ScienceWorkshop*) and a PASCO Interface and Data Acquisition Software (such as the UI-5000 850 Universal Interface and the UI-5400 PASCO Capstone Software). There are six each of the Pressure Tap fittings and the 0.91 m (3 ft.) length Extension Tubes. Each tube has a male in-line coupler at one end and a female in-line coupler at the other end. The male end connects to the Pressure Tap and the other end connects to a port on a PASCO Pressure Sensor.

The inside diameter of the Pressure Tap openings match the outside diameter of Schedule 40 polyvinyl chloride (PVC) pipe (approximately 2.69 cm or 1.05 in). The inside diameter of the throat of the Pressure Tap closely matches the inside diameter of Schedule 40 PVC pipe.

The plastic used in the Pressure Tap is compatible with standard PVC glues and it may be glued into a piping network to measure pressure. Alternatively, the Pressure Tap may be temporarily placed in a piping network using tape.

### Setup and Use with a PASCO Pressure Sensor

Connect an Extension Tube from the Pressure Tap to the port on a PASCO Pressure Sensor. Align the connectors with each other and then twist one of them clockwise about one-eighth of a turn to lock the connectors together.



### Technical Support

For assistance with any PASCO product, contact PASCO at:

Address: PASCO scientific  
10101 Foothills Blvd.  
Roseville, CA 95747-7100

Web: [www.pasco.com](http://www.pasco.com)

Phone: +1 916 786 3800 (worldwide)  
800-772-8700 (U.S.)

Email [support@pasco.com](mailto:support@pasco.com)

For the latest information about the Pressure Tab, visit the PASCO web site at [www.pasco.com](http://www.pasco.com) and enter ME-2224 in the Search window.

**Limited Warranty** For a description of the product warranty, see the PASCO catalog. **Copyright** The PASCO scientific *Instruction Sheet* is copyrighted with all rights reserved. Permission is granted to non-profit educational institutions for reproduction of any part of this manual, providing the reproductions are used only in their laboratories and classrooms, and are not sold for profit. Reproduction under any other circumstances, without the written consent of PASCO scientific, is prohibited. **Trademarks** PASCO, PASCO Capstone, PASPORT, SPARK Science Learning System, SPARK SLS, and SPARKvue are trademarks or registered trademarks of PASCO scientific, in the United States and/or in other countries. For more information visit [www.pasco.com/legal](http://www.pasco.com/legal).