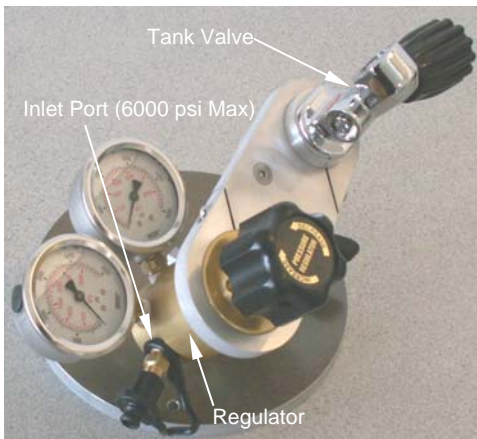
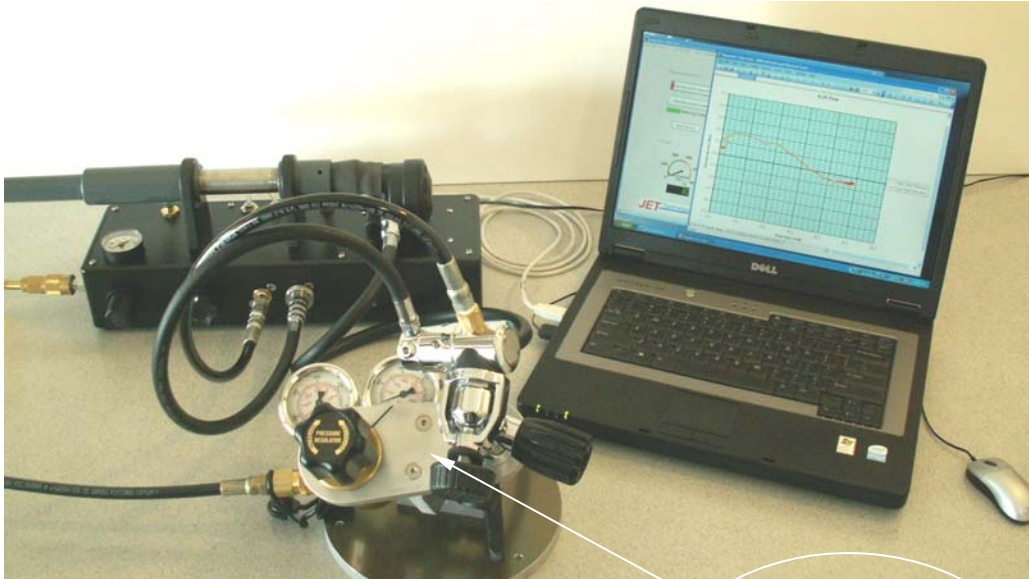


# Scuba Instruments

## H.P. (High Pressure) Manager



The H.P. (High Pressure) Manager is designed to work with the A.I.R. Flow Test Stand as well as other test instrumentation on the workbench. The primary function of this unit is to control the supply pressure to the regulator first stage. This permits testing at both high and low supply pressures to simulate tank pressure drop during the dive.

# *Scuba Instruments*

## **H.P. (High Pressure) Manager**

The H.P. Manager is designed to be connected directly to a high pressure cascade or air bank supply line. The high pressure air supply can also be provided from a standard diving cylinder; however the air pressure will diminish rapidly when conducting high flow tests through the regulator. If the high pressure supply is to be connected to a diving cylinder, it is recommended that two or more tanks rated at 3442 psi (DIN standard) be connected together to stabilize the supply pressure during the high pressure flow test.

The H.P. Manager regulator will accept up to 6000 psi on the inlet port. A high pressure shut-off and bleed valve in the high pressure line upstream of the H.P. Manager is recommended. The output side of the regulator is capable of adjusted pressures up to 5000 psi. It is very important to observe the following safety precautions when using this unit:

- **Never exceed 3400 psi (232 BAR) from the regulator to the tank valve mounted on the H.P. Manager. The tank valve is protected with a safety burst disc that is rated for 3400 psi service.**
- **Never pressurize a first stage regulator beyond the manufacturers' specification. If there is doubt as to the pressure rating for a first stage, call the appropriate manufacturers' technical service department before testing the regulator. Failure to do so may result in personal injury or death.**
- **Ensure that all piping, fittings, valves and gauges used to connect the H.P. Manager with the high pressure supply are in accordance with the National Gas Association standards for high pressure service.**