

Model 9623-H2O

Water Leak Rate Monitor



The Model 9623-H2O Water Leakage Rate Monitor is based upon the design and operation of the most widely used air local leakage rate monitor in the US nuclear power industry. This minimizes the training and procedure writing required to utilize this device.

This monitor allows for the precision testing of water tested containment isolation valves using plant demin or service water. This unit has three flow ranges and two pressure channels. The 9623-H2O quantifies the component under test's leakage rate by maintaining a constant water pressure against the barrier being tested while measuring the water flow rate needed in order to maintain that pressure constant.

Using three ranges, a 1000 to 1 turn-down ratio is achieved with a 1% of full-scale accuracy over each of the three ranges. Each flow range is customer selectable.

The monitor allows for the accurate and portable testing of water leakage using plant water sources and a familiar operating system.

● SPECIFICATIONS ●

High Accuracy Pressure Regulator

Maximum Inlet Pressure: 250 psig

Regulated Outlet Pressure: 0 to 90 psig

High pressure units available upon request

Color Touch Screen Display

USB output

Three Flow Ranges

High Accuracy Digital Water Flow Meters

Full Scale of Each Range Specified by User

10 to 1 Turn-Down Ratio Recommended

Accuracy: 1% of Full Scale

Repeatability: 0.5% of Full Scale

Pressure

Full Scale: 100 psig or user specified

Accuracy: 0.25% of Full Scale

Power

24 vdc Wall Power Supply or

12 vdc External Battery Pack

