

NEW!

Transducers without Loggers

Direct USB Logging



5306PV

Single Port Unit
Single Pressure - Vacuum
Monitoring

5306D

Dual Port Unit
Differential Pressure - Vacuum
Monitoring

Monitor Transducers

Monitors are the first transducers that provide direct out to a Tablet, computer or Windows® phone. Not only do they provide direct pressure or vacuum values via the micro USB port, but you can access analog measurements via the unit's rear port.

Features

- NO LOGGER REQUIRED – read measurements immediately on your device
- Digital output via micro USB; Analog out via the rear port
- High precision with a wide temperature range: -20°F to 156°F
- Quick-lock sealing with proven Luer Lock connections

Options

- A vast selection of Luer Lock accessories for most any configuration
- Attach to a standard 0 – 5VDC Logger via the rear port
- Easy to use Monitor software to instantly log your readings
- Log multiple Monitors with a USB hub with a single Tablet

The Transducers with a Twist

RESEARCH

Often, in any research effort, you need your equipment installed in a permanent location, with a dedicated logger and then there's setup. With the Monitor transducers station setup takes minutes and you can start logging immediately. Also, with the Monitor and the unique Luer Lock technology, your monitoring station can be very temporary, allowing you to do more with less.

INDUSTRY

Cost is always a factor to be considered. If you need to measure pressure or vacuum fluctuations over time, you will only need to buy a Monitor – dataloggers are not required. You can make very mobile, temporary, but precise measurements on the fly.

EDUCATORS

If you want to quickly demonstrate how pressure or vacuum can be directly affected or differentially over time due to changes in the environment, then our Monitor transducers are for you.



SIMPLYDATA

wireless data logging systems



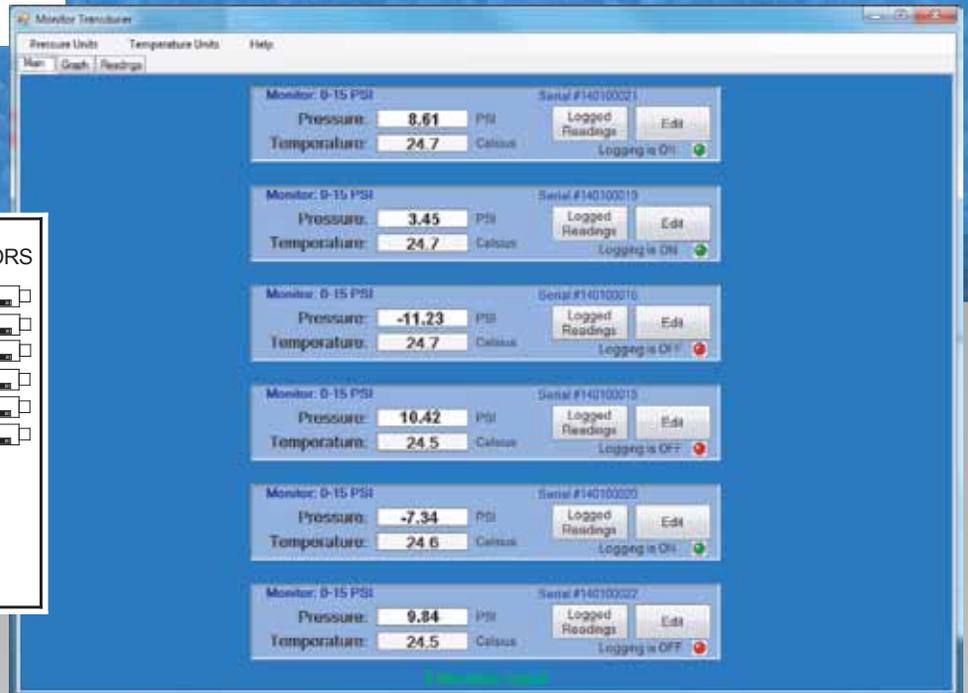
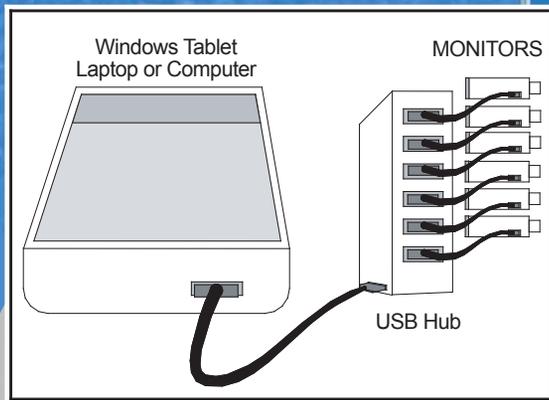
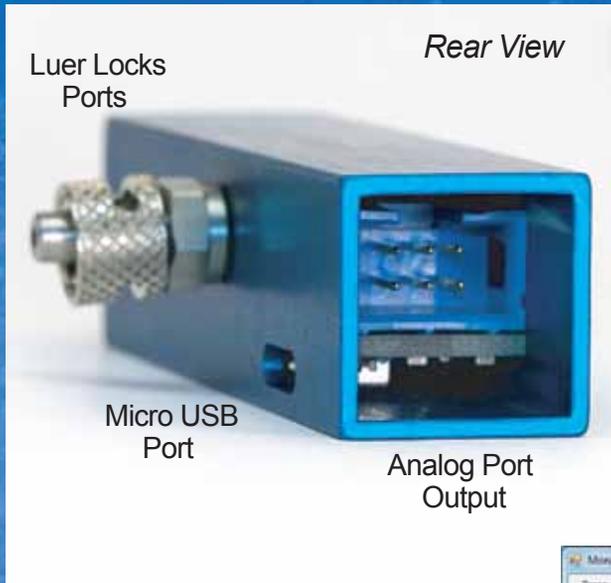
SOILMOISTURE

Making Technology Simple

MONITOR HAS IT ALL !

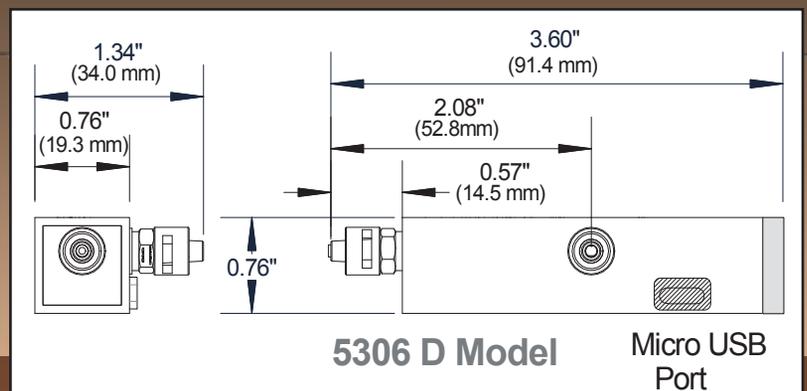
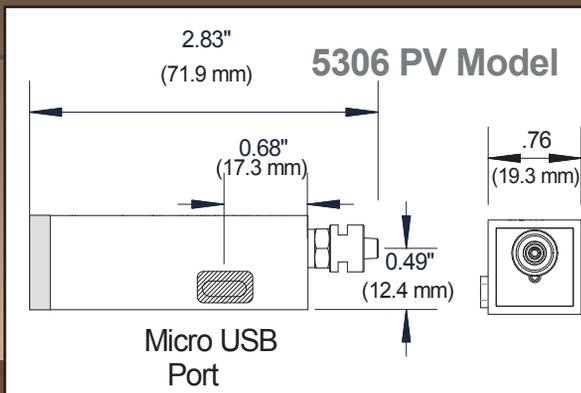
The Monitor Series of transducers have everything for a mobile and active world of data measurement, all with a minimum of effort. The Luer Lock ports ensure a fast and reliable connection, but in a minimum amount of time. The Micro USB establishes a direct connection to a Tablet, Laptop or Windows® phone running Monitor software. There's even an Analog 0 – 5 VDC port to log the old fashioned way.

Not only can you monitor or measure one location with a standard powered USB hug, you can also measure pressure or vacuum directly or differentially at 6 or more locations at once. This feature allows you to gather crucial, timed data collections from even the most complex pressure environments.



VERSATILE INTERFACE

Whether you connect directly to a Tablet, have multiple Monitors connected through a hub or linked into an old-style logger the Monitor system will quickly adapt. Read the Monitor output directly in real time or use the included logging feature to view your data later, plot it in Excel® or view the graphs to see changes over time.





ALL IN ONE PACKAGE

*Everything you need in one small package!
Luer Lock it in, Start up the Windows® software,
plug in the Monitor and begin logging.*



Luer Lock Connectivity

There is a myriad of accessories for Luer-Lock connectors. Chose from a wide selection of valves, adapters, tubing and manifolds. Visit our website to find the best fit or create your own configuration to meet your specific “quick lock” configuration.

SPECIFICATIONS

Calibrated Pressure Accuracy: .25% Full Scale
Temperature Accuracy: .5% Full Scale
Suggested Operational Temp. Range: 0° F (18.0 °C) to 150° F (66.0 °C)
Analog Port Requirements: 5.4 – 20 VDC source; Analog Output: 0 – 4.96 VDC
USB: 2.0 supplied power of 5 VDC
Accessory MultiPort USB hubs must be USB 2.0 compatible
20 Monitors max per multi-port hub (we recommend a powered hub beyond 6 units)
Media: Air and Water Measurements and Monitoring



SIMPLYDATA
wireless data logging systems



SOILMOISTURE

5306PV & 5306D Applications



Measure the smallest change in a water column height



Find out how and where the hydraulic events take place in a vertical profile



Do you really want to stand there and watch all these gauges or start using MONITORS?

Model 5312 Mobile Transducer Lab

Finally – a truly helpful kit for field monitoring of pressure. The Kit comes with a -15 to +15 psi Monitor Transducer (Model 5306D015), as well as a 0-100 psi Monitor Transducer (Model 5306D100). because both units are differential-type transducers, you can quickly measure single pressure events or the differential between two important pressure sources. It comes complete with a Windows® Tablet and solar charger, and a wide selection of Luer Lock adapters, valves and fittings. Just add tubing and you're ready to go!



5306D015

5306D100



Monitor
Transducer



SIMPLYDATA
wireless data logging systems

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