

## FlexPort Models FP-2U, 4U and 8U

Connect any brand of gage / Output to any software

Same day shipping on all products

Unsurpassed quality and support

Many features exclusive to the FlexPort line of interfaces



The **FlexPort 2U, 4U and 8U** include all the features you would expect from an interface plus so much more. A leader in innovation, quality workmanship and design, all backed by a knowledgeable and friendly technical support team, the **FlexPort** offers ease of use, reliability and helps eliminate downtime.

↓ **FlexPort Gage Interfaces define flexibility:**

Connecting to any brand or type gage is a given. Flexibility is the control you have over your gages and how it benefits you. We take flexibility and control to the next level. The many advanced (and exclusive) features of the **FlexPort** can adapt to any application.

↓ **Connect and collect data from multiple digital gages to a single RS232 output:**

The **Universal FlexPort** can collect data from a wide variety of digital gages such as Mitutoyo, Mahr Federal, Starrett, Ono Sokki, Fowler and more. Many other devices, such as weigh scales, balances, readouts and more, can be connected using standard cables to collect up to 5 readings from a single output. Mix and match gage types side by side. The ability to collect data from virtually any device gives you the power to use the instruments you need.

The **FlexPort** simultaneously combines the signal from multiple tools and converts it to a standardized format (RS232 serial) for collecting into any software you choose. (SPC software packages have a driver for this format). The front panel includes multiple data send LEDs to signal successful data sending. The LEDs turn on when data is requested and automatically turn off when data has been sent.

↓ **Lowest cabling cost on the market:**

The **FlexPort** is compatible with all standard Mitutoyo gage cables. As an added benefit, the power of the **FlexPort** allows standard cables to be used for a wide variety of gages. This means custom cables that competitors offer for \$200 are replaced with our standard cabling priced at \$50. (That's a savings that really adds up - especially since cables come up missing over time!)

↓ **Data send options - collect the way you want:**

The **FP-2U, 4U and 8U** offer 3 ways to request a reading to be sent to your PC. A footswitch jack (contact closure), the send button (on the gage) and host commands from the PC are all used to request readings. All requests can trigger a static or dynamic (TIR) reading, trigger all or any combination of ports, send serial requests to a gage, notify PC that a data request has occurred and many more features exclusive to the **FlexPort** line.

↓ **Pass-Thru Port can be used as additional serial input or to backplane units:**

This port (DB9M) can connect to a serial gage and extract 1 to 5 readings from an output string or can be used as a backplane port to connect multiple interfaces using the standard cabling included with every unit. You can mix digital and analog interfaces for up to 99 inputs.

↓ **Many more features and applications...call Midwest FlexSystems, Inc. to discuss your application today!**

**Specifications:**

<p><b>Dimensions:</b>          FP-2U/4U - 5.5"w x 5.5"d x 1.5"h          FP-8U - 5.5"w x 5.5"d x 2.5"h</p> <p><b>Power:</b> External 7-9vDC</p>	<p><b>Serial Output:</b> Standard RS232 at 9600, N, 8, 1  <b>I/O:</b> Footswitch and LED per input  <b>Gage input:</b> 10 pin Mitutoyo style          (accepts both digital and serial gage inputs)  <b>Pass-thru Port:</b> DB9M extra gage input or backplane</p>
<p>All metal enclosure designed for ease of use and durability</p> <p>All systems are shipped with power supply and cable to PC</p>	<p><b>Other models available:</b></p> <ul style="list-style-type: none"> <li>- Mitutoyo only versions</li> <li>- Specialty gage cables</li> <li>- Single gage input to MTI or RS232 output</li> <li>- Remote display with Go/No Go and I/O to PLC</li> </ul>

