

## **Hoggan ERGO Debuts New Human Hand Sensor System at the 2008 Applied Ergonomics Conference in Orlando, Florida USA**

Salt Lake City, UT – March 18, 2008 – Hoggan Ergo announces the release of their Human Hand Sensor System, the latest innovation to the already highly successful ErgoPak Portable Analysis Toolkit, designed for ergonomists, safety engineers, industrial engineers, healthcare professionals and researchers. The ErgoPak provides the tools necessary to measure force, angle and velocity under real job conditions and in real time. With the debut of the Human Hand Sensor System, ErgoPak now provides tactile sensors which measure pressure. The sensors are stretchable and fit snugly over the digits, thumb and palm, minimizing loss of dexterity and providing the user the mobility needed to perform tasks. The multiple sensor system for fingertips and palm accurately and reliably measures and quantifies applied forces to help understand how humans interact with tools, machines, products, job task processes and other hand applications.

The Human Hand Sensor was successfully launched at the 2008 Applied Ergonomics Conference in Orlando, Florida USA to rave reviews from existing and future customers. “With the latest expansion of our product line, ErgoPak is now a full featured device that includes a complete toolkit for objectively measuring and quantifying essentially all industrial and human factors”, said Ryan Dean Hoggan, Director of HOGGAN Ergo. “The Human Hand Sensor System will allow the user to test tactile force, along with the many other factors, including velocity and range of motion”, said Hoggan.

The Human Hand Sensor will interface with all existing and new ErgoPaks. The system will continue to offer an easy to use wireless data collection system; there is no need to manually record findings. The software program will not only record data, but will export the data to a .csv file for simple analysis. The ErgoPak Portable Analysis Toolkit with the Human Hand Sensor System is an efficient and cost effective solution to increase human, product and process efficiency.

### **About HOGGAN Ergo**

For over a decade, HOGGAN Ergo has design and provided accurate and durable testing equipment designed for industrial testing applications. After the success of the original ergoFET push/pull digital force gauge, HOGGAN Ergo expanded its ergonomic line to include many tools for the ergonomic user. Each product in the HOGGAN Ergo line was designed with ergonomic specialists in mind to maximize versatility and durability in the very environments where HOGGAN Ergo products are most needed. HOGGAN Ergo strives to lead the way with innovation, design and manufacturing expertise.

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# ergo **FAK**

Portable Analysis Kit

## Human Interface Hand Sensor Kit

Introduction of the Human Interface Hand Sensor Kit for use with the **ergoFAK** Portable Analysis Kit provides economical yet still powerful solutions and testing capability for hand and finger/digit testing for ergonomic, engineering, human factors and research applications.

The Human Interface Hand Sensor Kit can be used for various ergonomics applications including hand tool analysis, employee job task analysis and product design. The Hand Sensor Kit can be used by itself or in conjunction with any of the other **ergoFAK** measurement devices. For Example:

- **Pinch and insertion:** Hand sensor for pinch pressure measurement and miniature load cell to measure insertion force.
- **Pressure and Angle:** Hand sensor for pressure measurement on hand or fingers and inclinometers to measure angle of wrist or fingers.
- **Pressure and velocity:** Hand sensor for pressure measure, and accelerometer to measure speed of movement.

## Features and Benefits

- Sensors provide pressure measurement for fingertip and palm/grip testing.
- Configure the sensors in any combination for your specific testing needs.
- Standard Hand Sensor Kit includes (2) fingertip sensors and (1) palm sensor.
- Additional sensors are can be added to create your "own" glove kit.
- Measure pressure for grip, single/multiple finger, and pinch.
- Sensor Thickness: 1.1 mm
- Sensitivity: 0.1 psi
- Human Interface Hand Sensor Kit can be purchased as a add-on to the ergoPAK standard kit, or as a separate standalone testing system.

