

ergoPAK Portable Analysis Kit

The Essential Tool Kit for Ergonomists and Engineers

The wireless ergoPAK Portable Analysis Kit Standard Package provides data acquisition sensors and software for ergonomics and human factors analysis, engineering, product design, and research applications. It is the essential tool kit for collecting and analyzing field data under real job conditions and “real world” testing applications. The wireless sensors and software measure and collect force, angle, and acceleration readings in real time. The sensors can be used individually, or used simultaneously for data capture.



ergoPAK Portable Analysis Kit

HOGGAN
SCIENTIFIC, LLC.

Features

- New updated ergoPAK sensors are now cable free, eliminating interference during testing
- Wireless ergoPAK system with Bluetooth allows for free motion & data capture within 25 feet
- Portable, flexible, and unobtrusive for field data capture without job interference
- Use a single sensor or any combination of sensors
- FDC FET Data Collection software captures data in real time, and is saved in .csv file format
- Customize your own kit to meet your specific needs and creativity

**ergoPAK Portable Analysis Kit custom packages can be designed and are available to meet your specific testing needs and requirements. Contact Hoggan Scientific and ask for a representative to assist you in designing your own "custom" ergoPAK kit.*

**ergoGLOVE/FSR System can be added to ergoPAK Portable Analysis Kit as an add on to expand testing capabilities.*

Specifications

- DigitFET miniature 50 lb. capacity load cell for small force compression with hand, finger, and thumb pinch test applications – Records in 0.1 lb. increments
- 500 lb. capacity load cell for push/pull test applications. Records in 0.1 lb. increments.
- (2) Inclinometers for angle measurement. Measures 360 degrees in 1 degree increments
- (2) Accelerometers to measure acceleration. Measures in G;s in 0.1 G increment.
- Additional sensors can be purchased to add to your ergoPAK
- Software allows real time data collection, and save test data in .csv file format, to open in spreadsheet program for further review and analysis of test data.
- Sampling Rate: 100 samples/second
- Sensors are powered by rechargeable coin cell battery

Your Purchase Includes

- (1) digitFET 50 lb Load Cell with Test Attachments
- (1) 500 lb Universal Push Pull Load Cell with Test Attachments
- (2) Inclinometers
- (2) Accelerometers
- USB Dongles for Sensors
- FDC FET Data Collection Software Disk
- Wall Pack Power Supply
- User Manual
- Warranty Card
- Calibration Certificate
- Carrying Case
- One year standard warranty included. Optional extended warranty packages available.

ergoFET and ergoPAK products empowers ergonomic, engineering, and safety professionals to objectively measure and quantify human and product performance.