



The Technology of Human Performance



EVJTM

Scalable Mobile Evaluation System



Scalable Mobile Evaluation System

Today's clinicians increasingly need to perform strength and range of motion testing both in their clinics and offsite. And the accuracy and validity of the data collected – whether captured within a medical facility, at an employer's location, research/educational institution, or a patient's home – needs to be consistent and comparable, from site to site. This poses a challenge when using traditional, manual methods.

Modern problems require modern solutions. That's why BTE designed the EVJ – a fully portable and modular testing platform. Tight hardware and software integration saves you time and ensures that your data is precise from one site to the next. EVJ lets you to build the ideal testing system based on your specific needs. This makes entering the world of high precision evaluation and data collection more approachable and affordable than ever.



PORTABLE, MODULAR SYSTEM

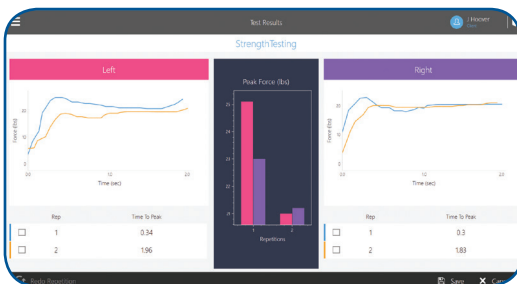


GRIP STRENGTH



CERVICAL ROM

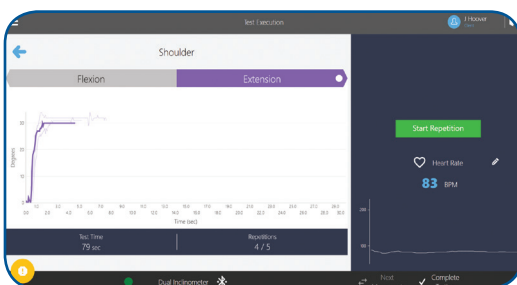
DATA CAPTURE AND EXPORT FOR ANALYSIS



STRENGTH AND RANGE OF MOTION

EVJ is designed from the ground up to capture data for better clinical decision-making. And just as important as capturing that data is the ability to package it and export it for further analysis.

Clinicians and researchers asked for a system that makes both capture and export easy. EVJ delivers on that need, giving you a smooth path to exporting Excel data that can be analyzed in the platform of your choice.



HEART RATE MEASUREMENT



EXPORT ALL DATA FOR ANALYSIS



Hand Grip Package

The core EVJ Hand Grip Package is built on BTE's revolutionary new hand grip strength measurement device. Unlike yesterday's error-prone analog hand grip devices, the BTE EVJ handgrip represents the latest innovation in precise strength data capture.

EVJ Hand Grip Package comes complete with BTE software, hardware, heart rate monitoring, and a control unit to get you started right out of the box. With its rapid sampling rate and blistering fast data transfer via integrated Bluetooth, this is the best and last hand grip your clinic will ever need.



Strength Package

Strength measurement is an essential component of virtually any functional evaluation. A patient's ability to perform both isolated and complex functional tasks is hinged on his or her strength capacity.

Extend your capabilities to virtually any upper or lower extremity muscle testing with EVJ Strength Package. You get BTE's bidirectional Portable Load Cell and the full array of attachments, so that you can test both isolated muscle groups and functional capabilities like push and pull. Meanwhile, the precise Pinch Gauge gives you the ability to accurately measure strength in fine finger movements.



Range of Motion Package

Reliably measuring Range of Motion used to be a difficult task, especially when it comes to accuracy. Plastic goniometers and other analog devices are not capable of capturing precise data, and are too reliant on subjective judgement. This means that measurements are not reproducible from site to site, and data logging has to be done manually by every clinician, every time.

EVJ Range of Motion Package changes that. Its state-of-the-art Dual Inclinometer provides fast, accurate capture of a multitude of movements – from lumbar to cervical. And the Goniometer is ideal for assessing range in both upper and lower extremities.



EVJ gives you the power to perform objective mobile strength and range of motion testing quickly and easily, with powerful data export for analysis. All in an unprecedented portable, scalable evaluation system.



RANGE OF MOTION



HEART RATE MONITORING



PULL STRENGTH



GRIP RAPID EXCHANGE



PUSH STRENGTH



LUMBAR ROM



LOWER EXTREMITY STRENGTH



PINCH STRENGTH

APPLICATIONS

- Isometric Strength evaluations
- Range of Motion evaluations
- "Off-site" and "in-clinic" use
- Teaching/training tool
- Research data collection
- Mobile practitioners

KEY FEATURES

- Precision accurate data acquisition
- Digital instrumentation ensuring data integrity
- Integration with heart rate monitoring during evaluations
- Easy to use software
- Compact size
- Data mining features - collect, filter (age, gender, dominant hand, and evaluation type, etc), and extract (MS Excel ready format)
- Scalable and affordable. Order only the packages that you need, when you need. Add packages later if your needs change.
- Multiple languages available

Learn more about how you can benefit from scalable mobile evaluation with the BTE EVJ. Call us today!