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JACKSON STRENGTH EVALUATION SYSTEM

MODEL 32728

The Jackson Strength Evaluation System was developed by Dr. Andrew Jackson at the University of Houston. The system is widely used by rehabilitation professionals to monitor progress in recovery from injury and by industrial testing specialists to assess the ability of job applicants to perform physically demanding work tasks.

The system features an electronic load cell for accurate and reliable measurements of isometric strength and a Nexus tablet that interfaces with the load cell via Bluetooth. The system is designed to meet the needs of Jackson lift, torso and pull strength test protocols, and the lift tasks of the National Institute of Occupational Safety and Health (NIOSH).

AVAILABLE TESTS

- Arm Lift
- Leg Lift (requires V-Grip Bar, Model 32628VB)
- Shoulder Lift
- Seated Torso Pull (requires Jackson Torso Kit, Model 32728TK)

WHY THE JACKSON SYSTEM?

- Pre-employment Testing
- Evaluation and Rehabilitation of Patients
- Evaluation and Training of Athletes
- Evaluation of Physical Fitness
- Employee Placement to Increase Productivity

WHY SHOULD I USE ISOMETRIC STRENGTH TESTING?

Isometric strength is defined as the maximum force that a muscle group can exert without movement. Tests of isometric strength are easy to perform as they require only a single, maximal contraction.

Bottom line: Isometric strength testing is inexpensive and flexible. Isometric strength tests are often favored because of the ease of use and the quick manner in which the maximal capacity of a muscle group can be determined. By creating the proper test environment, many different types of strength can be evaluated.

SYSTEM INCLUDES

- Platform and 1000 lb Load Cell
- Grip Bar with chain
- Android™ tablet with LEval app
- Manual with test protocols and normative data



The Jackson Strength Evaluation System is powered by the LEval application for Android™. LEval is a fully featured app that assists in tasks from test setup all the way to subject score analysis and archiving.



Visit our website or contact a Lafayette Instrument representative for more information or to purchase!



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