

PrimusRS

Computerized Isokinetic Exercise And Functional Training System



- Time saving software evaluation & treatment templates
- Objective, real time strength & endurance graphs
- Print evaluation and progress reports in color
- Easy-to-use touch screen software
- Adjustable swing-arm monitor
- Work head rotates 360 deg for exercise at any angle
- Work head height adjusts from 19" to 84" to simulate any activity
- Measure speeds up to 4500 deg/s
- 30 attachments for simulating any activity stored on side panels
- Compact footprint: 28"x 60" Chair/Bench: 22"x 59"
- Optional chair attaches to unit for stable exercising under high forces



PrimusRS delivers four different resistance modes, allowing you customize your testing and treatment to replicate different real-life scenarios.

- Isometric - static testing
- Isotonic - Isotonic
- CPM - Continuous Passive Motion
- Isokinetic

PrimusRS gives physiotherapist, occupational therapist or athletic training facility the most technologically advanced training and research capabilities available.

- Plyometrics
- Rhythmic Stabilization
- Neuromuscular Re-Education
- High-Load Eccentrics
- Measure speeds up to 4500 degrees per second
- Cable system delivering resistance in all three planes
- Additional attachments in PRO Package (optional)

Trade-In your old devices

New software:

- Full colour graphs and reports
- Multiple templates
- Enhanced Visual Feedback
- Improved CPM Mode
- Easy force & fast attachment selection
- Unequal Forces

New Hardware:

- PRO Package
- Tri-Pin Adapter
- Improved chair design
- Data sampling rate increased

New Applications:

- Increased Speed
- Measurement Capabilities



Reports



Tri-Pin Adapter

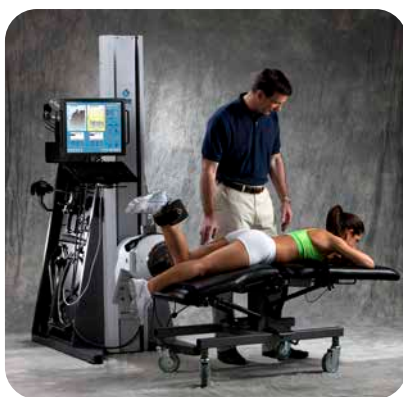


PRO Package

Industrial Rehabilitation



Sports and Lower Extremity

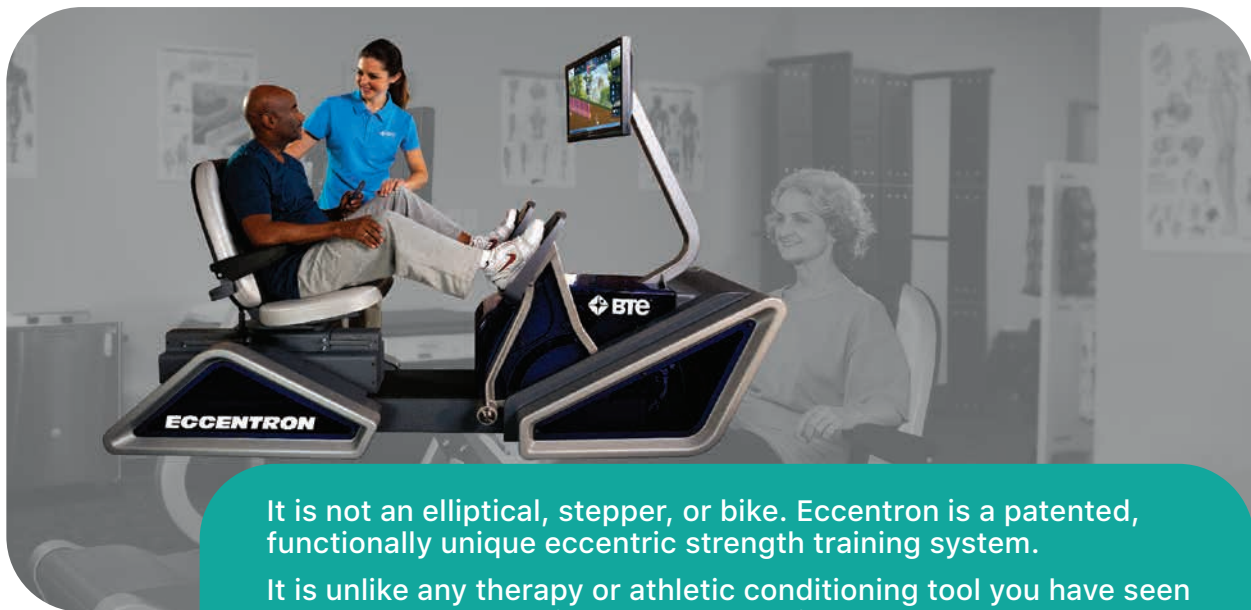


Hand and Upper Extremity



Eccentron

Computerized Eccentric Exercise Strength Training System



It is not an elliptical, stepper, or bike. Eccentron is a patented, functionally unique eccentric strength training system.

It is unlike any therapy or athletic conditioning tool you have seen or used before. And its results are unlike any you've ever seen before. Harness the power of negative resistance for positive results with the BTE Eccentron.

HARNESS The power of Eccentrics

Operating Eccentron is simple and fun. The client resists the moving pedals at his or her own force capacity. Muscles lengthen under force (eccentric contraction) as when lowering a weight, descending stairs, or sitting down in a chair.

Exercising on Eccentron is similar to walking down multiple flights of stairs. With Eccentron, clients of all function levels can rapidly improve their strength in a comfortable, closed chain position. Harness the benefits of Eccentrics without joint impact or lifting weights.



★ FEATURES

- Accurate measurement and reporting
- BTE smart dosing technology provides optimal targets and progression for individual client needs
- Interactive game-like experience keeps clients motivated
- Visually displays each session's performance



EvalTech™

Functional Testing System



Perform a complete FCE with automated reports. The EvalTech system lets you offer board physical evaluation and rehab services to employers and payers. Advance your therapy program, justify treatment, provide the most peer-reviewed and legally defensible evaluations with automated reports untouched by manual data entry.

- Functional Capacity Evaluation
- Post Offer of Employment Testing
- AMA Impairment Ratings
- Vocational Capabilities Evaluations
- Return to Work Assessment
- Specific Job-Task Testing
- Baseline and Progress Evaluations
- Disability Determination
- Peg board positional tolerance and time-motion test
- EvalTech software pre-set and custom testing templates
- Matheson EPIC dynamic lifting system



Evaluator™

Portable Evaluation System

The Evaluator™ is a portable solution to help you get started in objective strength testing. Complete with a powerful laptop computer running our state-of-the-art software, it comes in a mobile carrying case so you can perform on-site functional testing. Visit an employer's workplace. Transport the Evaluator™ between multiple clinics, or go right to the doctor's offices for an evaluation, and gain additional referral sources.

- Baseline Strength Measurements
- Functional Progress Analysis
- Isolated Joint Testing
- Orthopaedic Evaluation and Rehabilitation
- Sports Medicine



EVJ New!!

Scalable Mobile Evaluation System



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.

APPLICATIONS

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



PULL STRENGTH



PINCH STRENGTH



PUSH STRENGTH

DATA CAPTURE AND EXPORT FOR ANALYSIS



STRENGTH AND RANGE OF MOTION



EXPORT ALL DATA FOR ANALYSIS

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.

Matheson

The Trusted Leader In Occupational Rehabilitation Training



1 Matheson Dexterity and Range of Motion Panel

This system is a criterion referenced test. **Method - Time Measurement (MTM)** time standards have been established for the 5 protocols. With one system, evaluate fine finger dexterity, medium dexterity, gross grasp, and hand-eye coordination. The Matheson Portable Panel can replace many individually purchased dexterity tests.



2 Matheson Isoinertial & Pile Life Evaluation System

This heavy-duty freestanding system accommodates occasional and frequent lifting for the Isoinertial and PILE protocols. You'll appreciate the small (42- by 42-inch) footprint. The shelves adjust to anthropometric and metric landmarks. Includes the Matheson Lift Box. You can add dexterity panels later without the purchase of a lift frame.



3 Matheson Isoinertial/PILE Life + Dexterity & Range of Motion Panel System

Lifting Component: This heavy-duty freestanding system accommodates occasional and frequent lifting for the Isoinertial and PILE protocols. You'll appreciate the small (42- by 42-inch) footprint. The shelves adjust to anthropometric and metric landmarks. Includes the Matheson Lift Box.

Dexterity and Range of Motion Component: The Matheson Dexterity and Range of Motion Panel System is a work capacity evaluation device which assesses an individual's ability to perform the physical demands present in standing, sitting, table height, overhead, and floor level assembly and disassembly tasks. Successful completion of these tasks may assist case managers, physicians, and rehabilitation professionals to make accurate job match and return-to-work decisions.



4 Matheson Dexterity and Range of Motion Panel System

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5 EPIC Lift Capacity Evaluation System

The EPIC Lift Capacity test is a six-stage progressive test of lift capacity at the Occasional and Frequent Department of Labor frequencies. Developed by an interdisciplinary team headed by Leonard Matheson, PhD, specifically to evaluate persons with medical impairment and disability, it is the only test of lift capacity to be awarded a United States Patent (#5,848,594).



6 EPIC Life Capacity + Matheson Dexterity & Range of Motion Panel System

This heavy-duty freestanding system accommodates the Epic Lift Capacity Test (ELC) and Dexterity and Range of Motion. You'll appreciate the small (42- by 42-inch) footprint. The shelves adjust to anthropometric and metric landmarks.



Jamar dynamometers



12-0600 Jamar® hydraulic

1 Jamar hydraulic

- Hydraulic dynamometer gives accurate and repeatable grip strength readings
- Adjustable 5-position handle
- DIGITAL JAMAR+®
- Maximum strength indicator remains until reset
- Reads lb and kg
- 200 lb (90 kg) capacity



12-0604 Jamar+® digital

2 Jamar+ Digital

- For routine screening or grip strength evaluation
- Sturdy aluminum body construction
- Rapid exchange test with audible signal
- Easy-to-read LCD display can be set to display lb or kg
- 200 lb (90 kg) capacity
- Allows up to 5 trials for left and right hand
- Auto calculates average standard variation and coefficient of variation

Conduct Grip Strength Evaluations from your tablet!



JAMAR SMART LITE APP (FREE):

PATIENT: Show Name or ID, Gender, and Age

STANDARD TEST - Patient squeezes the Jamar® Smart Hand Dynamometer with each or both hands sequentially.

- Set number of reps from 1 to 5
- Set hand(s) to test and which hand to start with
- Set and record Grip Position
- Show statistics for test compared to Norm for that Gender and Age
- Easily accept or redo any trial

JAMAR SMART APP (PAID):

MORE TESTS – Rapid Exchange, 5 Position Grip, Sustained Grip





3 JAMAR® 3-PIECE HAND EVALUATION SETS

- 200 lb (90 kg) dynamometer, 50 lb (23 kg) pinch gauge (hydraulic or digital) and 6" finger goniometer
- Portable carrying case included

12-0602 (shown) Jamar® hydraulic

12-0605 Jamar® digital

Chatillon®

DFE II Digital Force Gauge



DFE-100 - measuring up to 100 lbs, 0.1lbs accuracy

DFE-200 - measuring up to 200 lbs, 0.2lbs accuracy

DFE-500 - measuring up to 500 lbs, 0.5lbs accuracy

- Ideal for functional capacity evaluations and job task analysis
- Measurement accuracy of better than 0.25% full scale
- Large and easy-to-read LCD display
- Support a variety of measurements including functional capacity (Load Averaging), based on a force or a time duration
- Displays normal and peak readings, pass/fail results and statistics based on the up to 10 stored results
- Can export data to computer

Strength Testing / ROM / Sensation

BASILINE® EVALUATION INSTRUMENTS

1 BASILINE® 6-PIECE PLASTIC GONIOMETER SET



12-1028	standard set
12-1028HR	HiRes® set

- Includes 1 each: 12", 8" and 6" 360° goniometer
- 6" pocket 180°
- 6" ruler with 360° and flexion / hyper-extension gauge
- Scale reads in 1° increments; linear scale reads in cm and inches

2 BASILINE® ACUANGLE® INCLINOMETER



12-1149	AcuAngleR inclinometer (each)
12-1149-2	set of 2

- Place inclinometer near joint to be measured; turn dial to 0; take joint through its range; read ROM from dial
- Adjustable feet along scale (side-to-side) adapt to body contours and allow measurable and repeatable placement
- Pointer is dampened by fluid to assure accurate ROM measurements

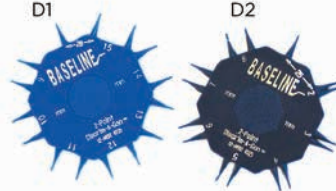
3 BASILINE® HYDRAULIC HAND DYNAMOMETER



12-0240	200lb Standard
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- CE certified
- Five position handle and body contours assure results consistent with published Baseline® and Jamar® studies
- Reading in lb & kg
- Lightweight unit include protective carrying case 1

4 BASILINE® DISCRIM-A-GON® 2-POINT DISCRIMINATOR



12-1492	Discrim-A-Gon® set (2 discs)
12-1492-25	25 sets

- Easy-to-use, lightweight plastic wheel is the perfect sensory evaluation tool to test static and dynamic 1 and 2-point discrimination
- 2 separate 2-point discrimination octagons (D1 and D2)
- Each octagon measures a different range of 8 labeled, fixed 2-point intervals ranging from 1 to 25 mm

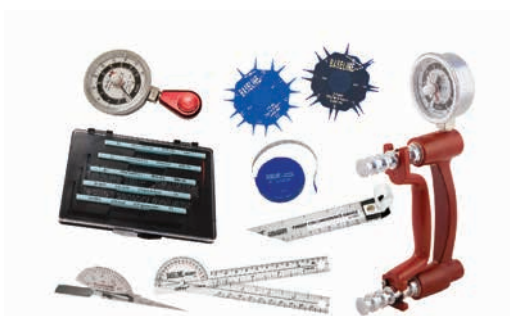
5 BASILINE® BUBBLE® INCLINOMETER



- Read range directly from dial
- Standard codified in AMA Guide to the Evaluation of Permanent Impairment, third edition

12-1056	Bubble® inclinometer (each)
12-1056-2	set of 2
12-1056-25	25 each





12-0128 standard (12-0240 / 12-0235)

12-0126 LiTE® (12-0241 / 12-0226)

12-0127 HD® (12-0221 / 12-0222)

6 BASELINE® 8-PIECE EVALUATION SETS

- 200lb (90kg) hydraulic hand dynamometer
- 50lb (23kg) hydraulic pinch gauge
- Finger goniometer (12-1010)
- Finger circumference gauge (12-1222)
- 180° 6" plastic goniometer (12-1005HR)
- Measuring tape (12-1210)
- Discrim-a-Gon® (12-1492)
- 5-pc tactile™ monofilament set (12-1662)

7 180° 8" GONIOMETER

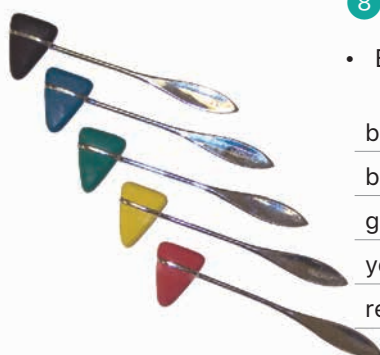


- Two opposing scales marked in 1° increments
- Tension between the arms is controlled by the thumb knob
- Stainless steel

12-1040 8", 180°

8 BASELINE® TAYLOR HAMMERS

- Elicit responses during examination



black 12-1574

blue 12-1573

green 12-1572

yellow 12-1570

red 12-1571

9 BASELINE® TACTILE™ SEMMES-WEINSTEIN™ TYPE MONOFILAMENTS

- Measure cutaneous sensory perception threshold
- Each monofilament represents a unique amount of force
- Fitted case protects monofilament



12-1660 normal 2 piece: 2.83, 3.61gm

12-1668 protective 2 piece: 4.56, 5.07gm

12-1662 hand, set of 5 2.83, 3.61, 4.31, 4.56, 6.65gm

12-1664 foot, set of 6 2.83, 3.61, 4.31, 4.56, 5.07, 6.65gm

12-16666 20-piece set complete

10 6-PIECE GONIOMETER SET

- 6 goniometers in a padded carrying case
- 6" 180° Robinson pocket
- 14" 180° stainless steel
- 14" 360° stainless steel
- 6" stainless steel finger
- 8" 180° x-ray
- 8" 180° stainless steel



12-1043 goniometer set