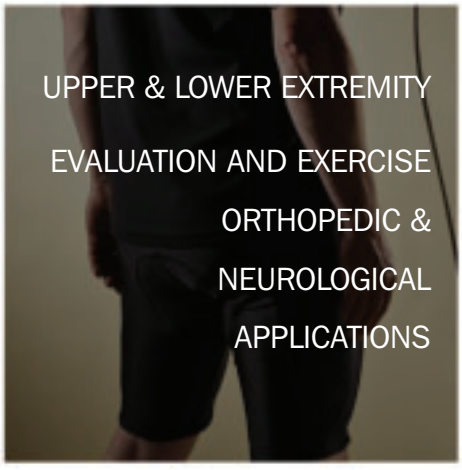


UPPER & LOWER EXTREMITY

EVALUATION AND EXERCISE

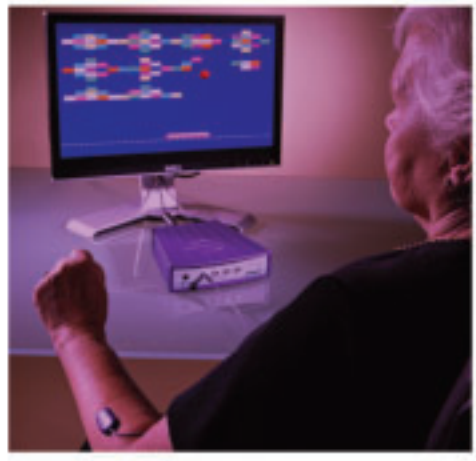
ORTHOPEDIC &

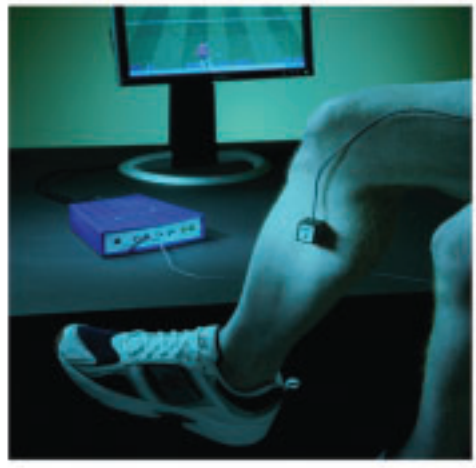
NEUROLOGICAL

APPLICATIONS

# Biometrics Ltd

## E-LINK PRODUCT RANGE

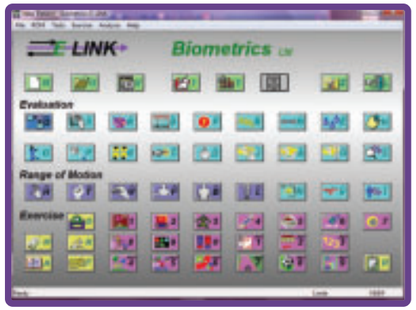





# INTRODUCTION

**E-LINK** is a comprehensive range of products for:-

- Computer based standardized evaluation for the Upper & Lower Extremities
- Progress reporting over time using scientifically collected data which may also be exported for statistical analysis
- Computerized gradable activities for Therapeutic Exercise of the hand, upper and lower extremities, head, neck & back




The **InterX** unit functions as the Intelligent Interface to connect all of the **E-LINK** evaluation and exercise components to the computer. Up to four **E-LINK** tools may be connected simultaneously allowing the user to easily and quickly switch between the components during an evaluation or exercise session. **InterX** connects to an IBM compatible computer via the USB port.

| Product code | Exercise | Evaluation |
|---|---|---|
| E4000 | • | |
| M600 | • | |
| H500 | • | • |
| FP3 | • | • |
| R500 | | • |
| ESW | | • |
| ICSW | | • |
| LSW | | • |

## Biometrics' products are used worldwide in a variety of clinical settings including:

- Physical Therapy
- Lower Extremity Rehabilitation
- Orthopedics
- Sports Medicine
- Independent Medical Evaluations
- Research
- Private Practices
- General Rehabilitation
- Neuro Rehabilitation
- Spinal Injury Units
- Stroke Rehab Units
- Care of the Elderly
- Nursing Homes
- Occupational Therapy
- Upper Extremity Rehabilitation
- Hand Clinics
- Pediatrics
- Burns & Plastics
- Educational Facilities

# CONTENTS

# **EXERCISE** OVERVIEW

The **E-LINK** Exercise modules provide computerized gradable activities for therapeutic exercise of the hand, upper & lower extremities, head, neck & back.

Exercise modules are:

- **E4000** Upper Limb Exerciser
  Active and active resistive exercise for the wrist, forearm, and shoulder.


The **E4000** and the **M600** require the **X4 InterX** Unit as the interface to the computer.

- **M600** Exercise Kit
  - **Myo-EX** is surface EMG for exercise and biofeedback
  - **AngleX** sensors for active exercise against gravity


All **E-LINK** Exercise Modules have screens that allow the baseline movement or muscle activity to be measured. This measurement is then used to define the parameters for exercise in the Activity set-up screens.

The **E-LINK** Exercise software consists of 19 Activity Modules. The Activity module parameters are set by the Therapist and may be graded depending upon a patient's physical and cognitive status.

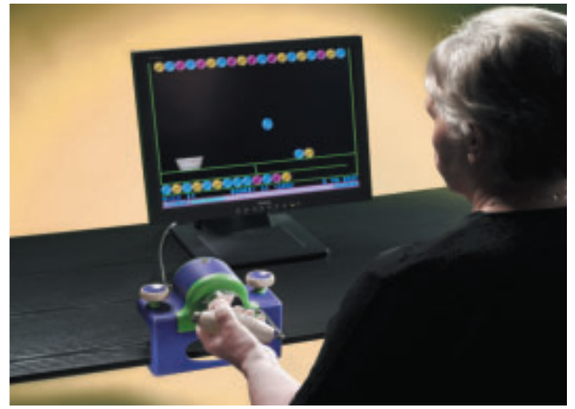
The Activity Modules are designed for a wide variety of clinical applications. Simple basic modules are appropriate for patients with neurological involvement such as early stroke rehabilitation and for pediatrics. More complex and challenging modules are used as the patient progresses and for orthopedic rehabilitation.



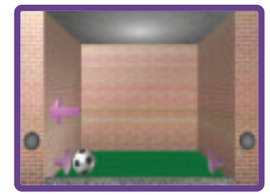


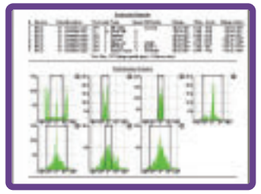
# **E4000** UPPER LIMB EXERCISER

The **E-LINK** Upper Limb Exerciser is designed for active and active resistive upper extremity exercise.



The various tools provide wrist flexion/extension, radial/ulnar deviation, forearm pronation/supination, elbow flexion/extension, shoulder flexion/extension, abduction/adduction, internal/external rotation.



The versatility of the parameters allows rehabilitation for a wide range of orthopedic and neurological patients.

- Range of motion used for exercise can be set as little as 2 degrees, exercising patients with very little motion, through to full range of motion.
- The resistance can be adjusted, at the lowest level starting as soon as the patient is cleared for active exercise, increasing the resistance as the patient progresses through rehabilitation.
- The Activity Modules can be graded for speed and difficulty. This allows a graduating course of therapy for each patient. The interactive Activity Modules engage the patient in the process, provide motivation and feedback, and eliminate the boredom associated with repetitive exercise.
- The versatility of the Activity Modules address a wide range of physical and cognitive needs. From simple end range to end range, gross motor activities to various type of matching and sequencing of objects to complex spatial relationships requiring fine motor control.

Physical Rehabilitation to Restore Function for Patients with Limitations in Upper Extremity Use:

- Increase Range of Motion
- Increase Strength
- Increase Endurance
- Motor Learning and Control
- Tactile Sensitivity
- Velocity of Movement
- Positive Impact on Essential Activities of Daily Living
- Both Fine Motor and Gross Motor Activities

Treatment for Patients with Neurologically Related Cognitive and Perceptual Deficits:

- Eye-hand Coordination
- Color Perception
- Spatial Perception
- Visual Tracking & Scanning
- Sequencing of Activities
- Object Association
- Concentration
- Neuromuscular Re-education and Control
- Visual Field and Visual Attention Deficits

# **M600** EXERCISE KIT

Innovative Technology for exercise of individual fingers, hand, upper extremity, lower extremity, head, neck and back. The **M600** Exercise Kit consists of the **Myo-EX** and **AngleX** sensors.




**Myo-EX** uses a novel application of surface EMG for exercise and biofeedback.

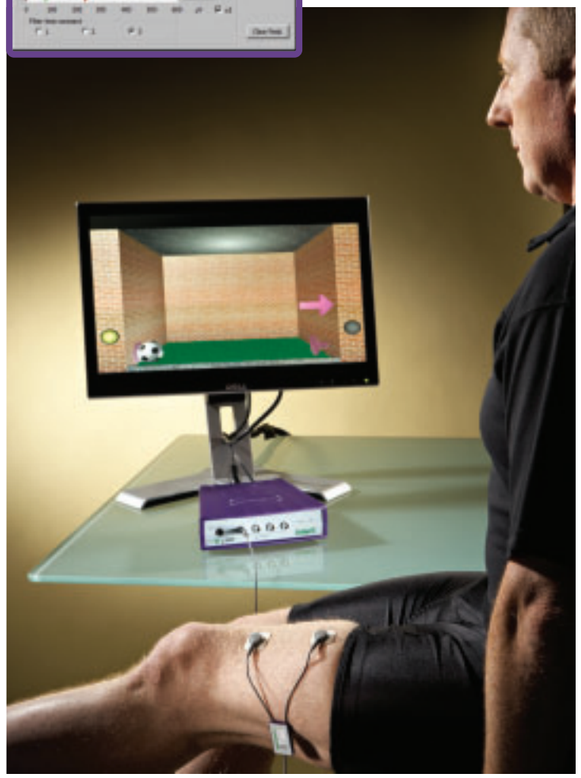
**AngleX** provides unique active exercise against gravity.

The **M600** has a wide spectrum of applications throughout the rehabilitation process - starting as soon as a patient recovers any voluntary muscle control through to strengthening of professional athletes.



## Myo-EX

**Myo-EX** uses surface EMG for unique computerized exercise, biofeedback, muscle re-education and motor control.



- Upper & Lower Extremities, head, face, neck and back
- May be used as soon as the patient has any voluntary muscle control
- Used throughout the rehabilitation process
- Easy & quick to set up
- Uses the electrical activity generated by a muscle contraction to control the activities
- Responds to muscle activity with or without joint movement
- Variety of activities to encompass the range of muscle function – from gross activity (contract and relax) to fine control
- Precision sensor is designed to give superb quality of signal with little or no skin preparation needed
- Full scale 0-3000 microvolts
- Two styles of pre-amplifiers – **GX3** with integral electrodes, **GX4** for use with disposable electrodes

The electrical activity produced by the muscle is used to control the Activity Modules in the **E-LINK** software – providing a truly novel application for biofeedback and muscle re-education. Easily adjusted parameters enable use with a wide range of patients – from those extremely debilitated through to professional athletes.

While the full scale is 0 to 3000 micro volts, neuro patients have successfully used the **Myo-EX** with as little as 4 micro volts of muscle activity.

Within Orthopedic settings, the **Myo-EX** has been used very effectively for large muscle strengthening.

The **Myo-EX** EMG pre amplifier designed and manufactured by Biometrics has been developed with ease of use and superb quality of signal in mind. What this means in practice is that little or no skin preparation and no gels or creams are required, yet the quality of the signal is absolutely superb.

The **Myo-EX** comes with two styles of EMG Pre-amplifiers. The **GX3** has integral electrodes and is applied over the body of small or large muscles using the die cut medical grade double sided adhesive tape. The **GX4** is designed for use with disposable electrodes having a standard 4 mm snap connector.

## AngleX

**AngleX** uses unique sensors that respond to active movement against gravity for computerized interactive exercise in orthopedic and neurological rehabilitation.

- Active exercise against gravity
- Upper & Lower Extremities, Neck & Back
- The **AngleX** sensors react to any joint movement against gravity in 1 degree increments
- May be used for isolated joint movements as well as for functional composite movements
- Easy and quick to set up and use


The innovative **AngleX** sensors respond to active movement against gravity, from very small amounts of movement such as lifting a finger off the table through to full range of joint movements. The movements control the objects in the **E-LINK** Activity Modules providing unique interactive exercise and biofeedback.

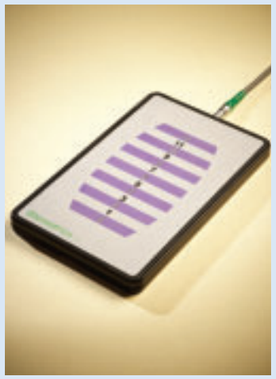
The **AngleX** sensors are designed to be attached close to the joint to be exercised using double sided tape. The small size and light weight ensure the instrument does not interfere with normal joint movement. **AngleX** sensors come in two sizes. The small **NC3** is designed for finger and hand exercises. The larger **NC4** is designed for all other movement patterns.

# EVALUATION & EXERCISE OVERVIEW

**E-LINK** modules for Evaluation and Exercise combine precision instruments for clinical measurements with computerized activities to provide unique opportunities for both physical and neurological rehabilitation.

The **H500** Hand Kit consisting of the Dynamometer for hand grip strength measurement and the Pinchmeter for hand pinch strength measurements.

- The Biometrics Dynamometer utilises precision load cell technology to increase the sensitivity and accuracy of measurement of even very low grip strength forces. By using the industry standard Jamar design exterior, comparisons can be made with standardized normative data included in the **E-LINK** software.



The **H500** and the **FP3** require the **X4 InterX** Unit as the interface to the computer.

- The unique electronic Biometrics Pinchmeter has a low profile design that enables the clinician to accurately quantify pinch strength at closer to end range than any other device.

- When used with the **E-LINK** Activity Modules, the Hand Kit can be used for gross isometric strengthening as well as for muscle re-education and motor control rehabilitation.

The **FP3** ForcePlate is designed for maximum versatility in a wide variety of clinical settings. Combining multiple **FP3** increases the evaluation and exercise options.

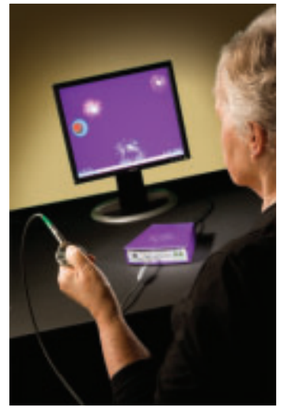
- One **FP3** ForcePlate is used for unilateral measurement of weight bearing and weight bearing exercise in both the upper and lower extremity.
- Two **FP3** ForcePlates are used for bilateral, single axis measurement of weight bearing and distribution. Measurement of either right/left OR front/back over specified time intervals produces clinical reports and progress reports over multiple sessions. Single axis exercises in the upper and lower extremities in standing or seated positions.
- Four **FP3** ForcePlates are used for simultaneous dual axis evaluation of right/left AND front/back weight bearing and distribution. Clinical reports of the measurements are displayed and printed as both graphs and tables. Progress reports of multiple sessions over time. Both single axis and multi-axis exercises for upper and lower extremities in standing or seated positions.

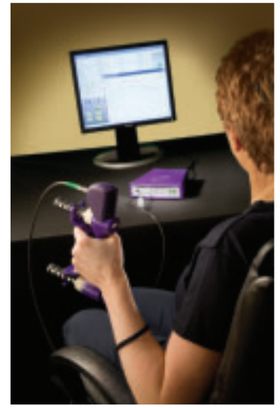


# **H500** HAND KIT

The Biometrics **H500** Hand Kit provides precise electronic tools for:-

- Fast & accurate pinch & grip measurements including progress reporting and tests that cannot be done with manual devices
- Unique pinch & grip exercises giving purposeful activity, isometric strengthening, motor learning and control





## Grip & Pinch Strength Evaluation

Biometrics' computerized tools for strength evaluation and exercise measure in 0.1 increments (Kg or lbs) and include tests that cannot be done with manual devices. In addition to speeding up data collection, they are extremely sensitive providing accurate measurement on very weak or debilitated patients.

The precision Biometrics' Dynamometer linked to the **E-LINK** software easily and accurately measures grip strength:

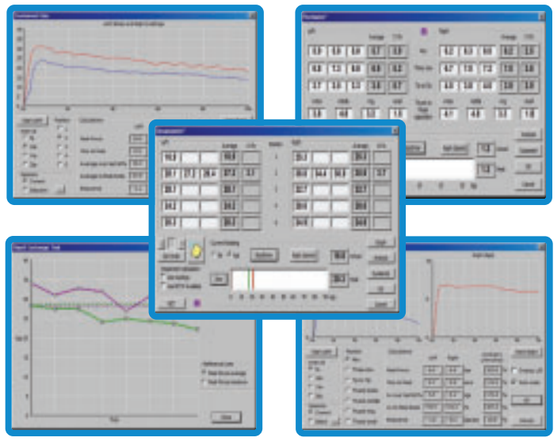
- Standard Peak Force Grip test
- Sustained grip test
- Rapid exchange grip test
- Progress reporting over multiple sessions and comparison with standard Jamar normal values (adult and pediatric normal values included)

The unique low profile design of the Biometrics' Pinchmeter allows measurement and exercise at closer to end range than any other device - manual or electronic. The software accurately and easily measures pinch strength:

- Key (Lateral), Three Jaw (Tri-pod), Tip to Tip, Thumb to Digit Opposition
- Sustained pinch test
- Progress reporting over multiple sessions

## Unique Isometric Grip & Pinch Exercise

As opposed to traditional zero to peak force exercises, the range of force may be graded, setting the minimum and maximum, to meet the patient's functional goals. Force ranges for exercise are set in 0.1 increments with a maximum load of 90 Kg (200 lbs) for grip and 22 Kg (50 lbs) for pinch. The movement of the objects in the **E-LINK** Activity Modules is controlled by the application and relaxation of isometric grip or pinch within the set parameters. The various modules provide purposeful activity, isometric strengthening, motor learning and control.



The range of force settings and activities allow multiple exercise options such as:

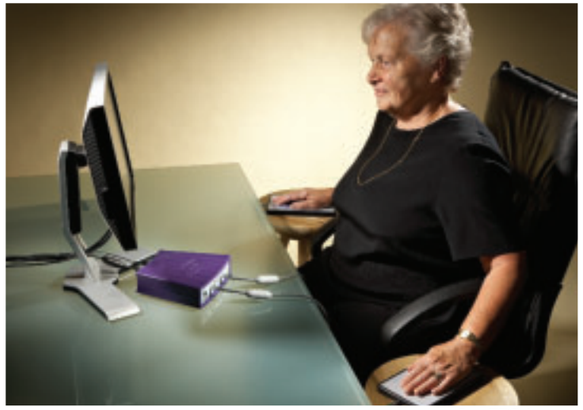
- zero to peak force exercise, taking the patient from full relaxation to maximum, including the option to hold at peak force.
- exercise within patient limitations, setting the minimum at greater than zero, causing the patient to sustain the pinch or grip and control the force application and relaxation.
- setting the force range very low allows controlled purposeful activity while minimizing joint loading. This is useful for patients with Arthritis and other situations where low force on the joints is desirable.
- patients with spasticity can work on controlled relaxation within therapist-defined ranges.
- by varying the range of force and time, the patient's rehabilitation can be oriented to specific job or ADL goals.
- The Activity Modules provide a range of effects – from gross isometrics strengthening to fine motor control

# FORCEPLATES

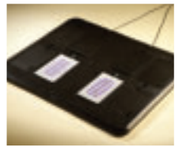
- Simultaneously evaluate both anterior-posterior and medial-lateral weight bearing
- Assess and monitor changes in weight distribution over multiple sessions
- Computerized activities for therapeutic weight bearing exercise and rehabilitation
- Modular, portable design increases the flexibility and versatility of applications

FP3

1 x FP3 in use



2 x FP3 in use



DFP2

DFP4

As an added bonus – the individual ForcePlates can be removed from the Base Frame for unilateral or bi-lateral measurement and exercise in both the upper and lower extremities

### One ForcePlate:

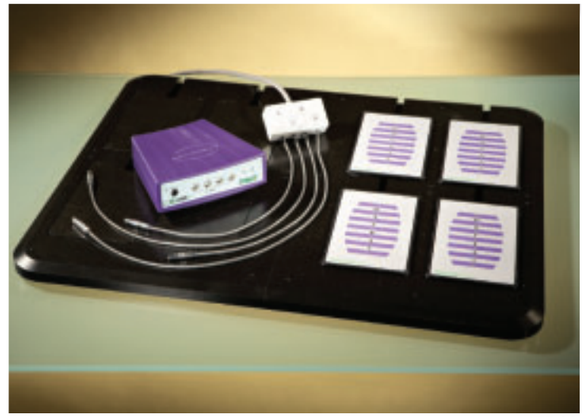
Used for upper and lower extremity exercise. The Activity Modules are controlled by the application and relaxation of force applied and can be set in 0.1 increments (Kg or lbs). The ForcePlate responds to as little as the touch of a finger through to full standing weight bearing providing purposeful activity, strengthening, motor learning and control.

### Two FP3 ForcePlates:

Used with or without the BF8 Base Frame for accurate measurement and exercise of symmetrical weight distribution in the upper and lower extremities. May be used in a chair for seated balance measurements and exercise. The Activity Modules are controlled by the shifting of weight between the ForcePlates.

Alternatively the patient may sit directly on one or two ForcePlates for measurement and exercise.

The portability and modularity of the E-LINK ForcePlates make them ideally suited to a variety of clinical settings and budgets. Weighing only 790 grams each, the ForcePlates can be easily transported around the clinic or out into the community. The small dimensions are very useful in upper extremity rehabilitation settings – for example, one ForcePlate under each hand for upper limb exercises.



EP40

**Part numbers:**

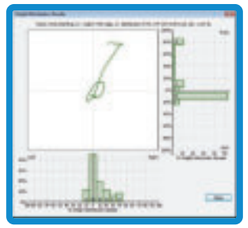
**FP3** – ForcePlate with lead for connecting to the X4 InterX Unit

**DFP2** – two FP3 ForcePlates with connecting leads and Base Frame

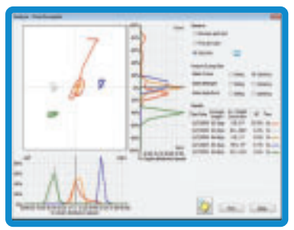
**DFP4** – four FP3 ForcePlates with connecting leads and Base Frame

**EP40** – X4 InterX Unit, four FP3 ForcePlates with connecting leads and Base Frame – a complete portable, modular, single axis or multi-axial, unilateral or bilateral evaluation & exercise system for upper & lower extremities

**Following a neurological injury such as Stroke or TBI, patients may be at an increased risk of falling. Evaluation of weight bearing stability is a major challenge for health care professionals with most clinicians using subjective perturbation tests.**



The **E-LINK** Dual-Axis ForcePlate System provides the solution – an accurate, portable system for objective measure of symmetrical weight distribution in two axes simultaneously.



With the patient standing, simultaneous measurements of anterior-posterior and medial-lateral sway may be taken for 5, 10, 15, 30, or 60 seconds. The fluctuations in weight distribution results are displayed. These are overlayed and comparisons are made from one session to the next. Up to 10 sessions may be compared simultaneously and analyzed in a progress report.

**Within Orthopedic and Sports Rehabilitation settings, the E-LINK Dual-Axis ForcePlate is used to scientifically quantify the weight distribution (load) of both legs to document both medial-lateral (right/left) and anterior-posterior (front/back) asymmetries.**

The results of the tests are then used to set the parameters for exercise.

The **E-LINK** Activity Modules are graded therapeutic exercise and biofeedback. Both single axis and multi-axis activities are available. The percentage weight distribution is set for each plate and the loading/unloading of this weight controls the Activity. This allow the therapist to determine the degree to which a patient is motivated to move from center to perform the activity successfully – the higher the percentage, the farther the patient must move from center.

Dual Axis ForcePlate system consists of 4 ForcePlates used with the Base Frame. The Base Frame allows the position of the ForcePlates to be varied to accommodate different stance widths – from pediatrics to adults.

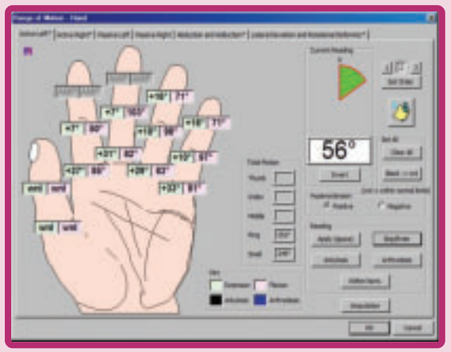
# EVALUATION OVERVIEW

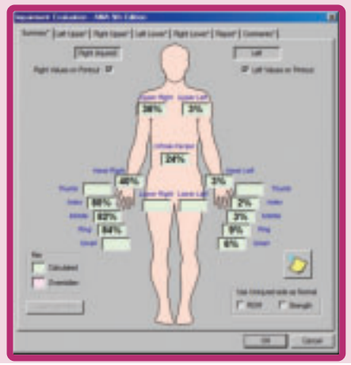
The E-LINK Evaluation modules provide computerized, standardized testing to increase the objectivity, accuracy, and speed of data collection.

**The R500 ROM (Range of Motion) Kit** combines precision electronic goniometers with graphical display/documentation software. Data is automatically collected quickly and accurately with the press of a button on the goniometers.

**Evaluation & Impairment Software** collects manually entered data in standardized formats for clinical reports, medical-legal reports, and outcomes purposes.

- **ESW – Upper Extremity Evaluation Software** allows documentation of tests typically performed in general upper extremity rehabilitation as well as specialty clinics such as Hand Therapy or Hand Surgery. All results may be printed in the reports.
- **ICSW – Upper Extremity Impairment Calculation Software** automatically calculates the impairment percentage and generates detailed printed reports.
- **LSW – Lower Extremity Evaluation and Impairment Software** documents test results of standardized lower extremity measurements, calculates the impairment percentage, and generates detailed printed reports.









# **R500** ROM KIT

The Biometrics R500 Range of Motion Kit provides precise electronic tools for:

- Upper and lower extremity range of motion measurements
- Fast and accurate data collection with progress reporting and computerized documentation

Speed and accuracy of data collection are greatly increased using the automated hand held goniometers – the goniometer is positioned on the joint and a press of the button enters the data in 1° increments. The small goniometer is used for the hand and toes; the large is for wrist, elbow, shoulder, hip, knee, and ankle.

### The R500 measures:

- Hand (fingers & thumb) – active & passive, extension & flexion, abduction & adduction, lateral deviations & rotational deformities, calculation of Total Active Motion and Total Passive Motion.
- Wrist – active & passive, extension & flexion, radial & ulnar deviation
- Forearm – active & passive, pronation & supination
- Elbow – active & passive, extension & flexion
- Shoulder – active & passive, extension & flexion, abduction & adduction, internal & external rotation

- Hip - active & passive, extension & flexion, abduction & adduction, internal & external rotation
- Knee - active & passive, extension & flexion, valgus & varus, internal & external malrotation
- Ankle - active & passive, dorsiflexion/plantarflexion, inversion/eversion
- Toes - active & passive, MTP flexion/extension, IP flexion of the Great Toe

Progress reporting over multiple sessions, in both graph and table form.

Other ROM Measurement (entry of manually collected data)

- Tip to Palm
- Thumb Opposition
- Neck & Back



The **R500** requires the **X4 InterX Unit** as the interface to the computer.

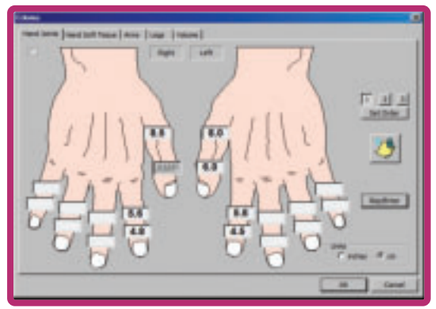
# ESW – UPPER EXTREMITY EVALUATION SOFTWARE

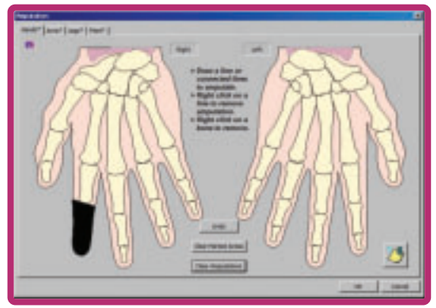
The Biometrics Evaluation and Impairment Calculation Software modules provide standardized reporting with simple, fast data entry increasing speed and accuracy of data collection, documentation, reporting and calculation of impairment.

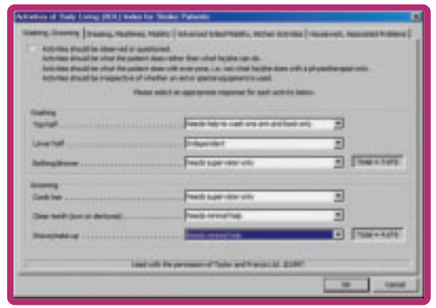
## ESW – Upper Extremity Evaluation Software

Documents the results of tests and data collected manually, including some that factor into the Upper Extremity Impairment Ratings.

- Test Sequence – allows the user to set up testing protocols
- Amputation – graphical documentation.
- Coverage/comesis – graphical documentation of physical appearance.
- Sensation Tests – graphical documentation of. Semmes Weinstein and Two point discrimination
- Outcomes Measures Documentation
- Activities of Daily Living Index
- Pain
- Manual Muscle Test
- Edema – circumferential and volumetric
- Provocative Diagnostic Tests
- Dexterity Tests
- Other Tests

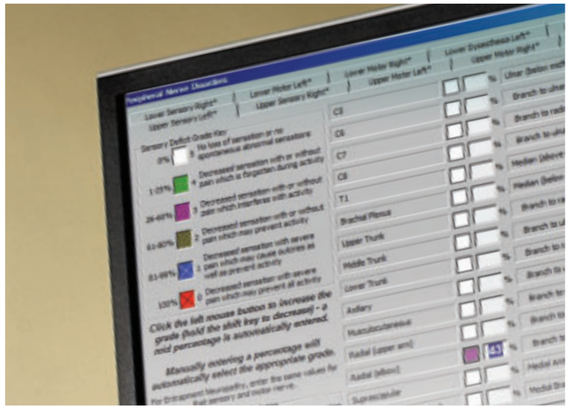








# ICSW – UPPER EXTREMITY IMPAIRMENT SOFTWARE



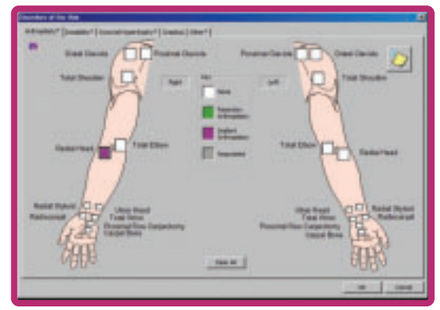
## ICSW – Upper Extremity Impairment Software

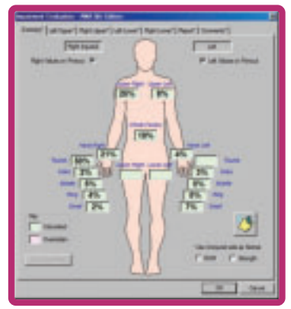
Documentation screens and tests primarily used to calculate AMA Impairment ratings. To obtain the complete Upper Extremity Impairment Rating, this software is used in conjunction with the H500 Hand Kit, R500 ROM Kit, and the ESW Upper Extremity Evaluation software. Automatic calculation of impairment saves significant time over manual methods and prevents calculation errors.

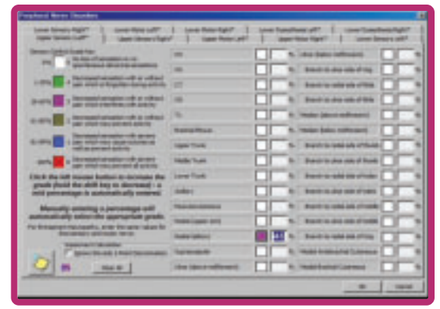
Calculation of Upper Extremity Impairment using the AMA (American Medical Association) Guides to the Evaluation of Permanent Impairment (rev 4th & 5th editions)

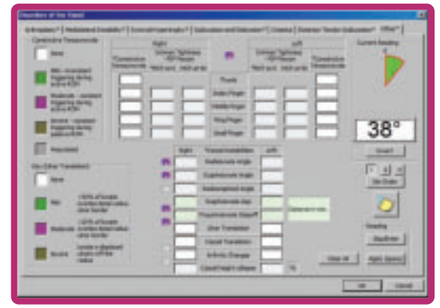
- Major Nerve Injuries
- Vascular Disorders
- Other Bone & Joint Disorders
- Impairment Calculation

The comprehensive Impairment Report provides both the summary values as well as detailed charts and text showing how the summary values were calculated. The Impairment Report also includes the ability to use the uninvolved side as the normal for calculation of ROM and Strength impairments and the option to not print any values for the uninvolved side. The AMA Guides table and page references are included in the detailed text report.



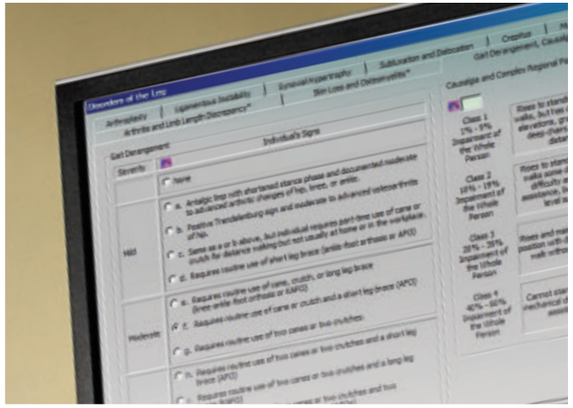






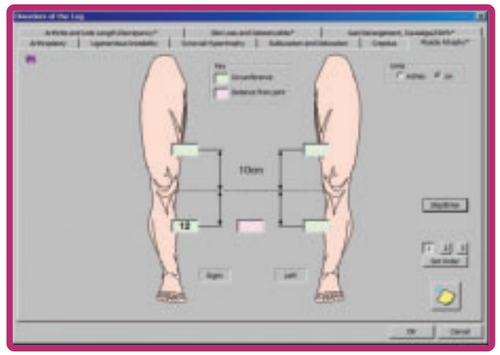
# **LSW** – LOWER EXTREMITY EVALUATION AND IMPAIRMENT

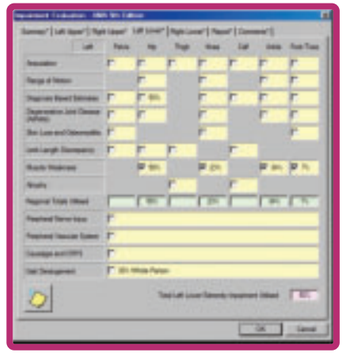
Comprehensive software for documentation of manually collected data and calculation of impairment increases speed and accuracy of data collection and reporting.

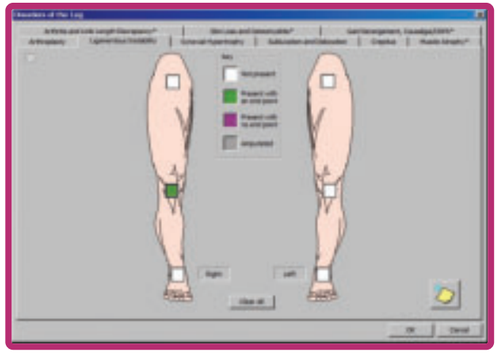


The Biometrics **Evaluation and Impairment Calculation Software modules** provide standardized reporting with simple, fast data entry.

- Test Sequence – allows the user to set up testing protocols
- Amputation – graphical documentation.
- Edema – circumferential and volumetric
- Manual Muscle Test
- Arthroplasty
- Ligamentous Instability
- Synovial Hypertrophy
- Subluxation and Dislocation
- Crepitus
- Muscle Atrophy
- Arthritis
- Limb Length Discrepancy
- Skin Loss
- Osteomyelitis
- Gait Derangement
- Causalgia
- CRPS (complex Regional Pain Syndrome)
- Vascular Disorders
- Diagnosis-based Impairment Calculation

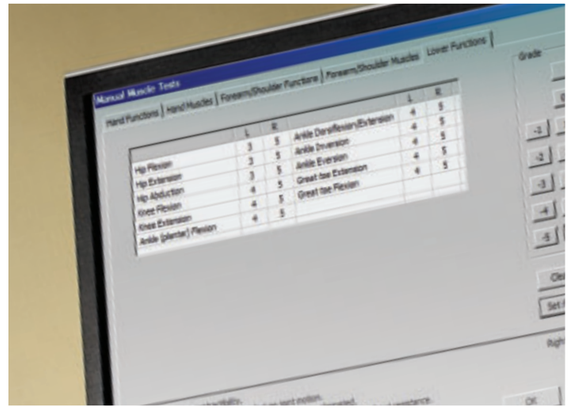








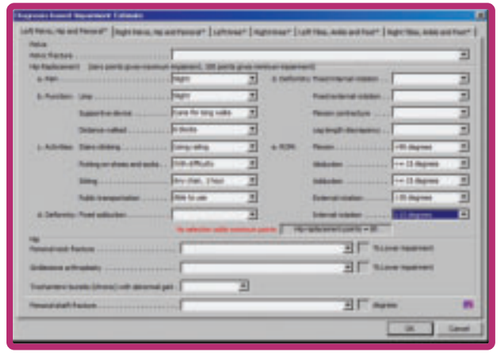
# CALCULATION SOFTWARE

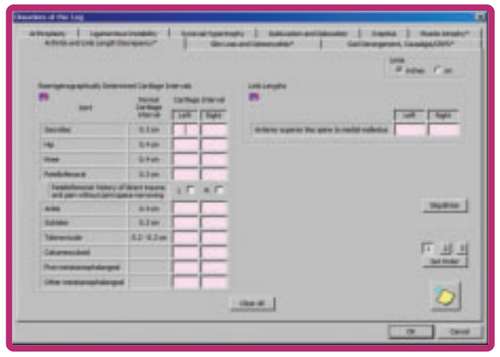


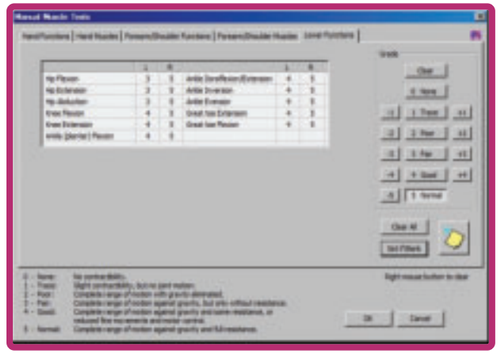
Lower Extremity Impairment is automatically calculated as data is collected using the AMA (American Medical Association) Guides to the Evaluation of Permanent Impairment (rev 4th & 5th editions).

To obtain the complete Lower Extremity Impairment Rating, this software is used in conjunction with the **R500 ROM Kit**. Automatic calculation of impairment saves significant time over manual methods and prevents calculation errors.

The comprehensive Impairment Report provides both the summary values as well as detailed charts and text showing how the summary values were calculated. The AMA Guides table and page references are included in the detailed text report.







# THE **E-LINK** SYSTEMS & PACKAGES

The **E-LINK** Systems package together popular components in configurations tailored to meet a wide range of clinical applications and budgets.



## EP10 Upper & Lower Extremity Evaluation & Exercise Package

Typically used in Hand Clinics, Pediatrics, Burns & Plastics, Educational Facilities and General Rehabilitation

**System for:**

- Unilateral & Bilateral Multi-axial Weight-bearing and Weight distribution Evaluation and Exercise
- Upper & Lower Extremity Exercise
- Back & Neck Exercise
- Upper & Lower Extremity Evaluation
- Upper & Lower Extremity Impairment Calculation
- Comprehensive Documentation & Progress Reporting

**Includes:**

- **X4** InterX Unit
- **DFP4** – Dual-axis ForcePlate for evaluation & exercise
- **E4000** – Upper Limb Exerciser
- **S150** – Small handle set for E4000
- **M600** – Myo-EX (whole body EMG for exercise) & AngleX (whole body active exercise against gravity)
- **H500** – Grip & pinch measurement & exercise
- **R500** – Upper & lower extremity range of motion measurements
- **LSW** – Lower Extremity Evaluation and Impairment Calculation Software
- **ESW** Upper Extremity Evaluation Software
- **ICSW** Upper Extremity Impairment Calculation software

The **EP10** includes all components necessary to make one complete **E-LINK** evaluation and exercise station using your own computer, printer, and table.

## EP11 Upper Extremity Evaluation & Exercise Package

Typically used in Hand Rehabilitation

**System for:**

- Upper Extremity Exercise
- Upper Extremity Evaluation
- Documentation & Reports

**Includes:**

- **X4** InterX Unit
- **E4000** – Upper Limb Exerciser
- **S150** – Small handle set for E4000
- **M600** – Myo-EX (whole body EMG for exercise) & AngleX (whole body active exercise against gravity)
- **FP3** – Upper extremity weight bearing exercise
- **H500** – Grip & pinch measurement & exercise
- **R500** – Upper & lower extremity range of motion measurements
- **ESW** Upper Extremity Evaluation Software

The **EP11** includes all components necessary to make one **E-LINK** Upper Extremity evaluation & exercise station using your own computer, printer, and table.

## EP12 Exercise Package

Typically used in Stroke Units and Neuro Rehabilitation

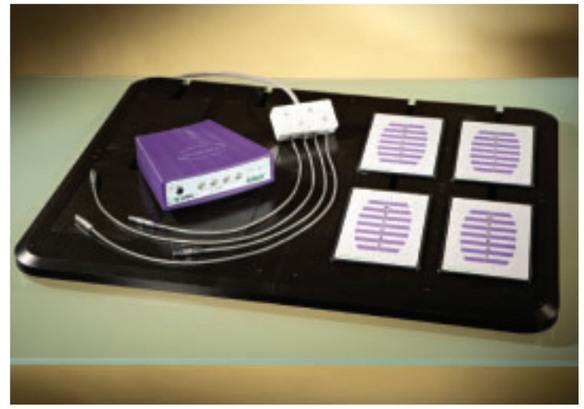
**System for:**

- Unilateral & Bilateral Weight-bearing and Weight distribution Evaluation and Exercise
- Hand, Upper & Lower Extremity Exercise
- Back & Neck Exercise
- Documentation & Reports

**Includes:**

- **X4** InterX Unit
- **DFP4** – Dual-axis ForcePlate for evaluation & exercise
- **E4000** – Upper Limb Exerciser
- **S150** – Small handle set for E4000
- **M600** – Myo-EX (whole body EMG for exercise) & AngleX (whole body active exercise against gravity)
- **H500** – Grip & pinch measurement & exercise

The **EP12** includes all components necessary to make one **E-LINK** exercise station using your own computer, printer, and table.



## EP40 Dual-axis ForcePlate Evaluation and Exercise System

Typically used by clinicians for testing and exercise of symmetrical weight bearing in Stroke and Sports Injury Rehabilitation

**System for:**

- Unilateral & Bilateral Multi-axial Weight-bearing and Weight distribution Evaluation and Exercise
- Upper & Lower Extremity Exercise
- Upper & Lower Extremity Evaluation
- Upper & Lower Extremity Impairment Calculation
- Comprehensive Documentation & Progress Reporting

**Includes:**

- **X4** InterX Unit
- **DFP4** – Dual-axis ForcePlate for evaluation & exercise

The **EP40** includes the **E-LINK** evaluation components to make one upper & lower extremity ForcePlate evaluation and exercise station using your own computer, printer, and table.

### Minimum Computer Requirements:

Please contact us for the most current computer specifications.

### Documentation and Progress Reporting

The report parameters are defined by the user and selected in the report window. The user may customize the report header and footer.

### Data Export

Powerful export function with selectable parameters to quickly define the export criteria. Single or multiple patient data is exported as an ASCII file, easily imported into other applications for statistical analysis, outcomes reporting, and research studies.

All systems covered by this brochure have been independently certified to European Medical electrical Safety Standard EN60601-1:1990 and conform to the European Medical Device Directive 93/42/EEC.

All the enclosed information is correct at the time of printing. Biometrics Ltd reserves the right to amend any specification without notice.

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**ISO9001:2000**
Certificate no. GB/05/66472

**ISO13485:2003**
Certificate no. GB/05/66471

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