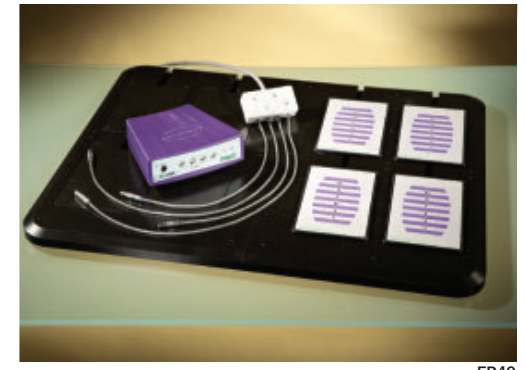
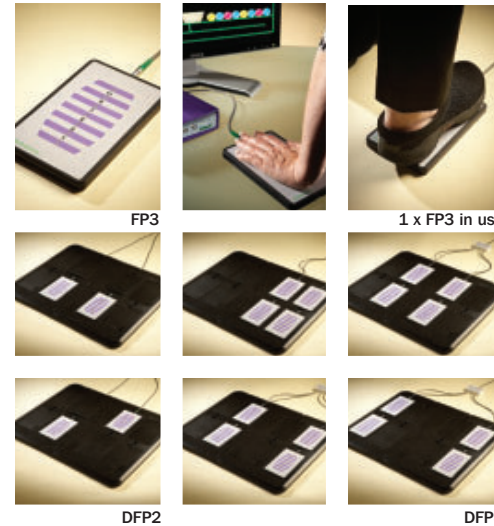
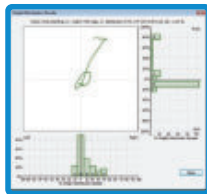


FORCEPLATES

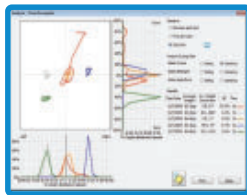
- ▶ Simultaneously evaluate both anterior-posterior and medial-lateral weight bearing
- ▶ Assess and monitor changes in weight distribution over multiple sessions
- ▶ Computerized activities for therapeutic weight bearing exercise and rehabilitation
- ▶ Modular, portable design increases the flexibility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



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 overlaid 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.

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.

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