

# Introducing the Sway Test Sensor Mat

Now there is a clinical tool available to assist health care professionals to measure balance and predict the likelihood of falls in elderly patients.

The Sway Test Sensor Mat detects even the slightest of swaying movements when a person stands on this new *LED Sensormat™* product. The slightest of movements can be measured, captured as data, graphed on a computer screen or mobile device, printed out, saved electronically and used to predict the likelihood of the person having a fall, enabling prevention measures to be designed and implemented as part of the patient's overall care plan.

Once a patient's baseline balance data is established, their health care professional can repeat the sway test regularly or as necessary, comparing the results from previous tests, noting any changes and adjusting the care plan appropriately. The product can also be used by individuals at home and by sporting stakeholders (see overleaf for more information).

## Order form

All prices include GST. Please tick to buy one Sway Test Sensor Mat or adjust appropriately to order more and complete this form including specifying the model you would like (see overleaf for details). We will provide a 'paid' invoice for your records. The remaining 50% will be due and invoiced upon delivery in 1-12 weeks depending on sensor mat stock levels at time of ordering.

- 1x Sway Test Sensor Mat** comprising:  
*LED sensor mat, wireless dongle & software*..... \$549  
Model:     Aged care     Home     Sport  
*Plus courier & handling* ..... \$33  
**Total payable** ..... **\$582**  
50% deposit..... \$291

## Your details

Your name & position title:

\_\_\_\_\_  
\_\_\_\_\_

Company name & address:

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## Payment methods

**Credit card** – Please tick the relevant box and email or post the completed form to Perimeter Security Industries Pty Ltd at [enquiries@perimetersecurity.com](mailto:enquiries@perimetersecurity.com) or the address given below.

Visa     MasterCard     Amex     Diners

Name on card: \_\_\_\_\_

Amount authorised for *this* payment (i.e. 50% deposit at left):

\$ \_\_\_\_\_      Date: \_\_\_\_\_

Card number: \_\_\_\_\_

Expiry date:    \_\_\_\_/\_\_\_\_

Signed: \_\_\_\_\_

Signatory's name in block letters:

\_\_\_\_\_

**Direct deposit** – please pay and return your completed form as above, giving your company name as a reference when depositing to:

Account name: Perimeter Security Industries Pty Ltd  
BSB: 032 747    Bank: Westpac  
Account number: 198090

**Purchase order or cheque** – please sign and date above and send completed form with purchase order or cheque to:

Perimeter Security Industries Pty Ltd  
PO Box 622  
Fyshwick ACT 2609

## Your signature:

Please formally authorise this purchase by signing below.

\_\_\_\_\_

# Sway Test Sensor Mat

## Product information

### What is this product?

The **Sway Test Sensor Mat** is a new type of diagnostic tool that measures postural sway quickly and easily. An embedded sensor inside an *LED Sensormat™* monitors changes in the distribution of weight or 'sway' as a person who is attempting to stand still on a sensor mat is actually moving slightly.

### How does it work?

A smart sensor in the mat sends information about the degree of sway in real time to a computer screen or mobile device for display on a graphical interface.

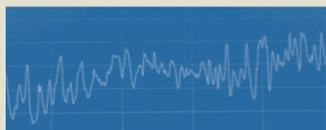
### Who is it for?

Clinically, the baseline data can be used by health care professionals to detect and measure changes in sway as a result of a knock to the head, brain deterioration due to severe alcohol abuse or conditions such as dementia. Baseline information from the initial sway test can be analysed, stored electronically or printed out and used to compare against future sway tests. The product can also be used in the home and by sporting stakeholders.

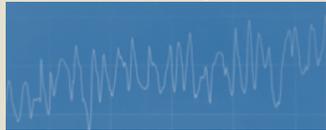
### What does it show?

The typical screen shots below illustrate how the sensor mat display interface shows varying degrees of sway.

#### Small sway display



#### Medium sway display



#### Large sway display



A score is also generated for each person that can be stored alongside the graphs in their portfolio or passport, enabling the monitoring of changes over time.

### How is it used?

#### Aged care



The aged care model has a fabric surface and nitrile rubber backing. In aged care homes residents can be tested regularly over a period of weeks, months and years. Some residents' postural sway will worsen slowly over time, implying an increased risk of falls. Others may record a sudden increase in their sway score that could indicate having had a stroke.

#### In the home



This lightweight neoprene-sleeved model is portable, versatile and suitable for use in the home to measure the sway of family members on a regular basis over time or after events such as falls or knocks. It is also suitable for medical and allied health professionals carrying out home visits for their patients.

#### Sporting



This hardwearing PVC model is designed for monitoring athletes during sporting events and also over the longer term, enabling an immediate assessment of concussion to be carried out during a football game for example. Regular testing of players can also provide a baseline of data that can be incorporated in players' concussion passports.

### Buy now!

You can buy a Sway Test Sensor Mat for only \$549 (incl. GST) plus delivery using the form overleaf or by contacting PSI CEO Ian Bergman on 0457 123 852 or [enquiries@perimetersecurity.com](mailto:enquiries@perimetersecurity.com).