Podotech Elftman Advance package:

- Product code: LM4320
- Included in the package:
  - Podotech Elftman Advance Plate
  - USB cable & USB stick with User Manual and Installation Guide

Podotech is a range of practical, everyday podiatry products classed as essential in modern foot care. The innovative, effective and affordable product range offers solutions to the demands of the world's foot care specialists.

For information about other products within the Podotech range, please visit: www.podotech.com

Recognised and certified quality:
- CE Medical Device and EN 46003 Dekra Certification
- FDA (USA), PDMA (Japan) registered

**Gait Analysis & Foot Pressure System**

- 3 Scan Types: Dynamic, Static, and Postural
- Large surface area encourages natural gait
- Single unit structure ensures ease of use
- Superior visual analysis and interpretation of scans
- A robust yet lightweight system

<table>
<thead>
<tr>
<th>System Features</th>
<th>9mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>0.3 x 0.3in</td>
</tr>
<tr>
<td>Active Sensor Area</td>
<td>0.54in</td>
</tr>
<tr>
<td>Weight</td>
<td>63.4 x 25.7in</td>
</tr>
<tr>
<td>Size (L x W)</td>
<td>59 x 19.7in</td>
</tr>
<tr>
<td>Resistor HD</td>
<td>35°F to 185°F</td>
</tr>
<tr>
<td>Number of Sensors</td>
<td>12,288</td>
</tr>
<tr>
<td>Sensor Type</td>
<td>7.8 x 7.8mm</td>
</tr>
<tr>
<td>Pressure Range</td>
<td>0.4 to 100N</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>0°C to +85°C</td>
</tr>
<tr>
<td>PC/Platform Interface</td>
<td>USB2.0</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Through USB cable</td>
</tr>
<tr>
<td>Sampling Rate</td>
<td>200 images/second. 200Hz</td>
</tr>
<tr>
<td>Required Operating System</td>
<td>Windows XP, Vista, 7</td>
</tr>
<tr>
<td>Synchronisation</td>
<td>1 input, 1 output</td>
</tr>
</tbody>
</table>
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Gait analysis & foot pressure system
- Comprehensive Gait Analysis & Foot Pressure System
  - 3 Scan Types: Dynamic, Static, and Postural
  - Large surface area encourages natural gait
  - Single unit structure ensures ease of use
  - Superior visual analysis and interpretation of scans
  - A robust yet lightweight system

System Features:
- Thickness: 9mm
- Active Sensor Area: Size (L x W) 1610 x 652mm
- Weight: 1500 x 500mm
- 11.8 kg 26lb
- Sensor Type: Resistive HD
- Number of Sensors: 12,288
- Sensor Size: 7.8 x 7.8mm
- Pressure Range: 0.4 to 100N
- Temperature Range: 0°C to +85°C
- PC/Platform Interface: USB2.0
- Power Supply: Through USB cable
- Sampling Rate: 200 images/second. 200Hz
- Required Operating System: Windows XP, Vista, 7
- Synchronisation: 1 input, 1 output

Temperature Range: 35°F to 185°F
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35°F to 185°F
podotech elftman advance

The Podotech Elftman Advance enables you to offer a complete gait analysis and foot pressure service, all in one single unit system.

Why choose the Elftman Advance?

- 12,288 sensors register foot pressure at a sampling rate of 200 images per second
- A single unit structure reduces the complexity of modular systems (the connecting of multiple platforms) and eliminates ‘blind spot’ areas
- The large area of sensors encourages a more natural gait pattern
- The longer plate enables analysis of 2 or 3 complete strides
- The software allows synchronisation of measurements taken with other diagnostic tools, enabling you to simultaneously visualise foot pressure evolution, video images, and link with other medical devices such as EMG and EKG
- Uses high quality resistive sensors which offer exceptional sampling rates and scan quality
- Numerous software options for analysing and displaying scan data
- A solid yet lightweight system with a highly durable, permanent mat surface
- CE certification provides quality assurance

Fields of application include:

Orthotics & Prosthetics, Rehabilitation, Podiatry, Diabetes, Sports Medicine, Physical Therapy, Occupational Therapy, Orthopaedics and more…

For information about other products within the Podotech range, please visit: www.podotech.com
Quick and easy to use, the Elftman Advance is a fantastic addition to any clinical practice looking to offer the latest gait analysis and foot pressure facilities.

Benefits for your clinic:

- Enables you to offer a complete pressure and gait analysis service to your patients
- Analyse gait patterns over a number of strides rather than just one
- Quick and easy to use software guides you through patient consultations, enabling you to see the maximum number of patients during the day
- Immediate analysis and interpretation of data via comprehensive reports
- Provides the option of screening patients for potential areas of diabetic ulceration
- Monitor patients ‘pre’ and ‘post’ treatment to assess outcomes and recovery rates
- An existing database from your Podotech Elftman pressure platform can be imported
- Visual impact reinforces patient education, compliance and treatment recommendations

Fields of application include:
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Dynamic analysis

- Roll-off animation
- Global dynamic picture, calculations and graphs
- Simultaneous displays of each step
- Calculation of space/time parameters
- Multiple characteristics of gait timing
- Video synchronisation, with up to 2 cameras
- Lateral-medial analysis

Static analysis

- Foot pressure mapping with calculation per area
- Multiple visualisation options
- Scale 1:1 printing
- Exam comparisons

Detailed analysis and space/time view

Graphs comparison

3D view

Exam comparison

Medio-lateral analysis

Video analysis
Comprehensive gait analysis & foot pressure system

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Postural analysis

- Numerical and graphical analysis of stabilometry parameters
- Continuous or step by step analysis, and review changes in the centres of pressure
- Romberg quotient calculation
- Live display

Software

- Provides all the tools to display and analyse foot pressure and gait pattern
- Includes space-time calculations, time of contact, impulse and lateral/medial analysis
- Video analysis incorporated
- Multiple dynamic scans can be taken
- All data and statistics can be exported to excel for further analysis
comprehensive gait analysis & foot pressure system

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- Generates PDF and Bitmap files for computerised records

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