

neoligaments™



## Leeds-Keio™ ESP3000

### ACL and PCL Reconstruction

#### Benefits

Plasma treated surfaces quadruple the speed and extent of cell recruitment and surface adhesion

Parallel longitudinal polyester fibres provide high strength of 3000N allowing early rehabilitation

Open mesh scaffold structure encourages tissue ingrowth to protect the prosthesis and add strength

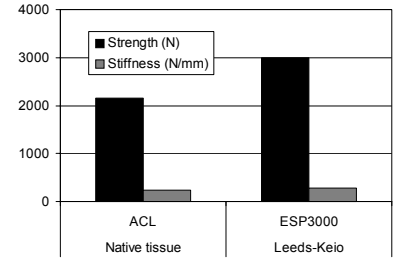
Bone plugs placed within the prosthesis allow bone regrowth, providing a powerful biological anchor

Stiffness is matched to the natural human cruciate ligaments, restoring the biomechanics to the repair

## Indications

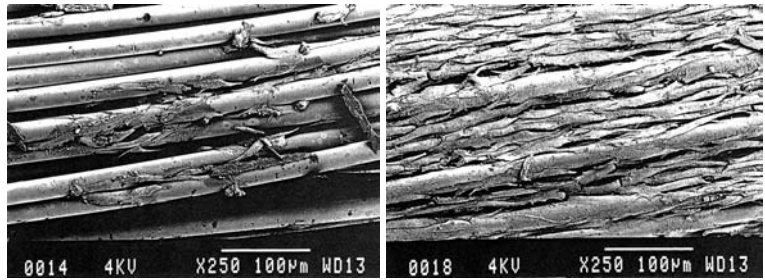
The Leeds-Keio™ ESP3000 is recommended for ACL and PCL reconstruction, including heavy individuals and high performance athletes.

Use of the titanium alloy Fastlok™ fixation devices is recommended with the ESP3000 ligament.



## Increased Cell Ingrowth

Cell culture tests at the University of Leeds, the Yorkshire Regional Tissue Bank and the National Defense Medical College in Japan all demonstrated that more than four times as many cells were found on the plasma-treated ESP3000 surfaces after 14 days' incubation compared to non plasma-treated polyester surfaces.



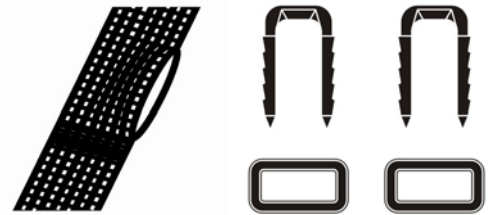
Non plasma-treated surfaces

ESP3000 surfaces

## Ordering Information

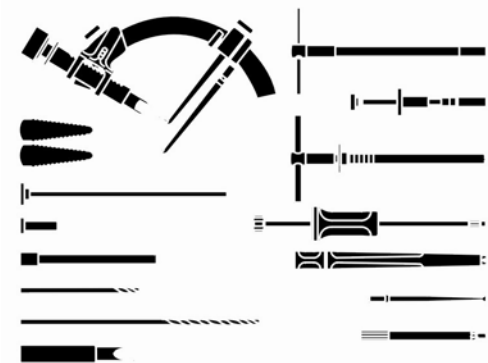
### Implants

- 102-3101 ESP3000 IA Ligament + 2 Fastloks
- 102-3100 ESP3000 IA Ligament
- 102-1381 8mm x 23mm Fastlok (2 required)



### Instruments

- 202-2003 System90 ACL Reconstruction Instrumentation Set (open or arthroscopic)



Leeds-Keio Ligaments are available in a range of lengths and strengths. Contact our Customer Services Department for further details or visit our website at [www.neoligaments.com](http://www.neoligaments.com)

Developed in conjunction with Professor K Fujikawa, Department of Orthopedic Surgery, National Defense College, Saitama, Japan.

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