

# PRO-tech

advanced work seating



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Techsit set out to create an ergonomically advanced technical seating range for premium customers.

## The result is Pro-tech.

Pro-tech is designed to deliver the best performance, whatever the demands of the work environment; ESD, cleanroom, laboratory or production.

Pro-tech is an advanced seating product which offers everything you want in a chair as standard: free-floating synchro-mech; seat slide; ergonomically curved back & seat; minimum touch controls for simplicity of use.

Pro-tech is an aesthetically pleasing, beautifully streamlined product that both looks great and feels great to sit on.

Pro-tech is built to last in the UK, to extremely high standards, by people who care about their product. It is robust, durable, high quality and great value. Naturally, it comes with our 5-year guarantee and 150kg weight capacity.

We're very proud of Pro-tech. Technical work seating no longer takes second place to the office chair.

Please contact us on **0845 051 3812** or [sales@techsit.com](mailto:sales@techsit.com) for a chat about Pro-tech.

Thank you,  
**Techsit**

Turn the pages for more details re the ergonomics, movement and simplicity of Pro-tech. All the Technical stuff is at the back. In between are the individual Pro-tech categories:

**PRO-tech**  
ESD antistatic seating

**PRO-tech**  
Clean room seating

**PRO-tech**  
Laboratory seating

**PRO-tech**  
Production seating



## movement

We all know that movement is key for our health and posture; it's not good to be sitting still for too long. So Pro-tech chairs have a free-floating synchro-mechanism that automatically adjusts to the user's weight, encouraging movement whilst ensuring ergonomic support. More freedom of movement, less constraint.

(in case that's a little too much movement for some the synchro-mech can be locked-off at the push of a button)

## simplicity

We want the customer to get the full ergonomic benefits of the Pro-tech range and for that simplicity of use is essential.

It's our experience that users don't properly adjust their chair to best fit their physique and work space if those adjustments are complicated and require getting on and off the chair!

So, with Pro-tech all adjustments can be made from a seated position – within arm's reach is the synchro-mech lock/unlock, gas lift height adjustment, seat slide and easy release back height mechanism.



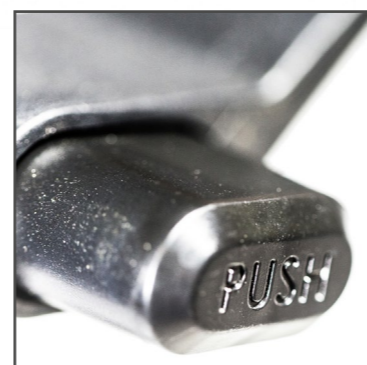
## ergonomics

For lumbar support the back is shaped with double curvature, curving inwards from the sides to support the shoulders and curving backwards at the lower edge. The easy release ratchet mechanism of the chair back means optimum positioning of the lumbar support can be made whilst seated.

The seat has double curvature to support at the sides and rear, with a waterfall front edge to alleviate pressure on the backs of the legs. Our high chairs come with a large diameter, adjustable, foot ring to ensure the waterfall edge works to its optimum. We use cold-cured moulded foam to ensure the shaping remains for the life of the chair.

The seat-slide comes as standard to deliver the best fit for the user's physique. Long or short legged or in-between, the forward position of the seat adjusts to relieve any pressure on the back of the legs.

Armrests are an option because some users don't want them, and some work spaces don't accommodate them. But if you want armrests our armrests are 3-D adjustable for height, depth and width. They adjust to give the best ergonomic position relative to the user's physique and working position.



# PRO-tech

ESD antistatic seating

Designed to provide the ultimate ergonomic solution for sensitive ESD environments

Pro-tech ESD chairs conform to BS-EN 61340-5-1 for conductivity. The chairs are both conductive and anti-static.

We use only Camira Hi-Tech fabric, a high-performance upholstery fabric with unique anti-static properties. Specifically designed to dissipate any build-up of static electricity.

## Key features

- Fully static safe
- Camira Hi-Tech fabric
- Weight responsive synchro-mech
- Fully adjustable and with seat slide
- 5 year guarantee

## Models

- TS7003 ESD, on castors
- TS7004 ESD, with foot ring, on glides

## Options

- AA – fully adjustable 3-D arms



# PRO-tech

Clean room seating

Designed to provide the ultimate ergonomic solution for cleanroom applications.

Pro-tech clean room chairs are clean room class 7 standard and conform to BS-EN 61340-5-1 for conductivity.

We use Skai Mano S for Pro-tech cleanroom chairs, a long-lasting, easy clean and disinfectant resistant ESD vinyl.

Pro-tech clean room chairs have fully enclosed mechanism, seat, back, and gas lift to reduce particle contamination.

## Key features

- Cleanroom class 7
- Fully static safe
- Skai ESD vinyl
- Weight responsive synchro-mech
- Fully adjustable and with seat slide
- 5 year guarantee

## Models

- TS7005 ESD, on castors
- TS7006 ESD, with foot ring, on glides

## Options

- AA – fully adjustable 3-D arms



# PRO-tech

## Laboratory seating

Designed to provide the ultimate ergonomic solution for environments such as laboratory, clean room, food grade and medical.

Pro-tech laboratory chairs are clean room class 7 standard.

We use Camira Vita or Spradling Hitch C5 vinyl which provide maximum protection; anti-microbial, stain repellent, waterproof and bleach cleanable. See the tech stuff pages for more detail.

Pro-tech laboratory chairs have fully enclosed mechanism, seat, back, and gas lift to reduce particle contamination.

### Key features

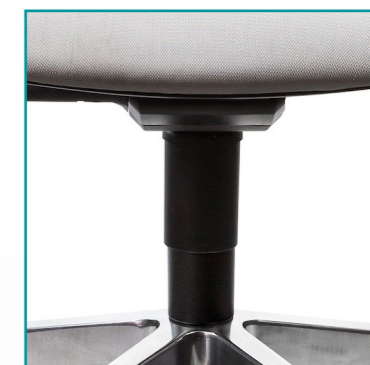
- Cleanroom class 7
- Anti-microbial Camira Vita vinyl
- Weight responsive synchro-mech
- Fully adjustable and with seat slide
- 5 year guarantee

### Models

- TS7001, on castors
- TS7002, with foot ring, on glides

### Options

- AA – fully adjustable 3-D arms
- AM – anti-microbial castors



# PRO-tech

## Production seating

Designed to provide the ultimate ergonomic solution for production areas. Pro-tech production seating is also suitable for laboratory and healthcare environments.

We use Camira Vita vinyl which provides maximum protection for heavy duty use, as well as being anti-microbial, stain repellent, waterproof and bleach cleanable.

The moulded back is extremely comfortable and flexes as you move to give ergonomic support with no need for adjustment.

### Key features

- Robust easy-use construction
- Moulded flexible back
- Anti-microbial Camira Vita vinyl seat
- Body weight responsive mechanism
- Fully adjustable and with seat slide
- 5 year guarantee

### Models

- TS7007, on castors
- TS7008, with foot ring, on glides

### Options

- AA – fully adjustable 3-D arms



# technical stuff



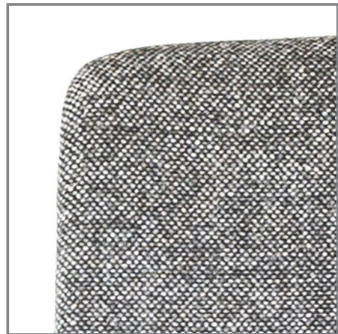
## arms

- 3-D adjustable arms. These arms adjust vertically for correct working height, horizontally back and forth for correct working depth and widthways for best fit to physique.



## wheels & glides

- Low chairs are supplied with wide 60mm castors for laboratory and production seating / 60mm ESD castors for ESD and clean room seating. These can be changed to glides / ESD glides at same cost.
- High chairs are supplied with glides / ESD glides.
- Brake-loaded castors are an option.
- Anti-microbial castors are an option for laboratory seating.



## Fabrics

- Camira Hi-Tech: a high-performance fabric with unique anti-static properties, specifically designed to dissipate any build-up of static electricity. Hi-Tech is a plain weave dobby fabric in a selection of colours.
- Camira Vita: a vinyl with excellent protection properties, suitable for heavy-end use. Anti-microbial, stain repellent and bleach cleanable, it's perfect for labs and healthcare. Ideal for food grade: it does not contain phthalates or heavy metals. Vita vinyl has a matt leather-look appearance in a selection of colours.
- Spradling Hitch C5: vinyl with advanced silver ion technology, a natural environmentally friendly bacteria-fighting defence which inhibits odour and stain causing bacteria. Also treated with Permablok which creates a tough, effective barrier against germs, abrasions and stains. It is easy clean and chemical resistant. Hitch C5 has a beautiful textured sheen appearance in a selection of colours.
- Skai Mano S: high-performance conductive vinyl designed for use in areas where electrostatic charges must be avoided. Mano S has a matt leather-look appearance and comes in... black.



## chair dimensions

Model	TS7001 TS7003ESD TS7005ESD	TS7002 TS7004ESD TS7006ESD	TS7007	TS7008
Back height (mm)	520-580	520-580	570	570
Back width (mm)	450	450	480	480
Seat height (mm)	480-600	610-870	450-580	590-850
Seat depth (mm)	440	440	430	430
Seat width (mm)	480	480	510	510
Overall depth (mm)	670	670	480	480
Weight (kg)	15	17	14	16

## standards

### Techsit chairs are designed and produced to the following standards:

- BS EN 1335 Work chair dimensions, safety requirements and safety test methods
- BS 5459-2 Seating for use by persons up to 150kg
- 90/270/EC & HS(G)57 EC directive and Seating at work
- BS EN 1021-1/2 Flammability specification

### Techsit ESD/ anti-static chairs:

- BS EN 61340-5-1 Conductivity  $10^4 - 10^6 \Omega$

### Techsit cleanroom chairs:

- Class 7 cleanrooms according to ISO14644-1 standard

## guarantee

- 5 year structural guarantee
- 5 year Camira Fabric/ vinyl guarantee
- 150kg weight limit on chairs

Design: [curvedspaces.co.uk](http://curvedspaces.co.uk)

**Curved Spaces**

Photography: [mubsta.com](http://mubsta.com)







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