



CalBench ESD protection

The 7186 is a blue anti-static workstation kit for CalBench. It includes matting, signage, bonding plugs, wrist strap and leads. The mat covers the CalBench worktop and is suitable for use with repairs, soldering and other service applications. Additional wrist wraps and leads are available upon request.

Kit Contents

- 1x ESD Mat (800 x 2000 mm) with 10mm stud in each corner
- 1 x ESD Protected Area Vinyl Sign
- 1 x Earth Bonding Plug
- 3 x 10mm Studs
- 1 x 10mm Fabric Adjustable Wrist Strap Hypo Allergenic
- 1 x 10mm Coiled Earth Lead
- 1 x 10mm Straight Lead
- 1 x Crocodile Clip
- 1 x Instruction Leaflet

CalBench™



Matting Features:

- Reflection breaking surface to reduce glare and improve operator comfort
- Protection against small collisions
- Prevention of sliding of delicate components thanks to excellent friction coefficient
- Heating resistance: does not melt or burn coming into contact with hot metal parts or soldering debris
- Oil resistance: this product resists most oils
- Suitable for loose laying: does not require application with adhesive
- Good resistance to scratches and excellent flexibility and comfort

Matting Details	
Material	Static dissipative
Thickness	2mm
Surface	Non-shining
Tester	ETS 406C Static Decay Meter, 3M Model 701 Test Kit for Static Control Surfaces
Hardness (ISO 7619)	75±5 shore A
Abrasion Resistance (ISO 4649, method A)	≤200mm ³
Indentation (EN433)	≤0,20mm
Cigarette burning resistance (EN1399)	No burn
Chemical resistance (EN423)	Resistant to chemical agents normally used for maintenance
Dimensional Stability (EN424 - 6h/80°C)	≤0,4%
Surface Resistance Top Layer (EN 100015.1-IEC61340)	About 10 ⁸ Ω
Surface Resistance Bottom Layer (EN 100015.1-IEC61340)	About 10 ⁵ Ω

ESD Protected Area Sign

- Antistatic coating
- Self adhesive: 0.4mm thick PVC
- 300 x 150mm

Earth Bonding Plug 3x10mm Stud

- Incorporates a 3x10mm male stud for connection grounding wire
- Designed to fit UK standard mains plug outlets
- Neutral and mains voltage pins are plastic, earth pin is metal

Fabric Adjustable Wrist Strap Hypo Allergenic

- Sky blue band
- Adjustable for any size of wrist
- 10mm stud
- High quality conductive interior, made of stainless steel nylon filament
- Outer side process with non-conductive nylon yarn
- Conductive back plate to cover the metal part to prevent allergic reaction
- Surface resistivity of 10³Ω

Resistance from Band <10⁵ Ohms Test Method EN 61340-55-1
Underside of Band <10⁴ Ohms Test Method EN 61340-5-1
Top Side of Band <10⁶ Ohms Test Method EN 61340-5-1

Coiled Earth Lead

- Excellent quality for use with any kind of wrist band
- Strong connection between the cord and 10mm stud
- 10mm Stud / Banana Socket
- Special conductive wire, outer covered with non-conductive PU
- Each 10ft coiled cord contains 10 strands
- Diameter of cord: 2.4 mm / Diameter of coil cord: 1.02 cm
- Resistivity: 1M Ohm +/- 10%

Straight Earth Lead

- Excellent quality for use with any kind of Field Service Kit or Table Mat
- Strong connection between the cord and stud
- Special conductive wire each containing 10 special conductive wires
- Outer covered with non-conductive PU
- Length: 12ft
- Diameter of cord: 2.4 mm
- Resistivity : 1M Ohm +/- 10%

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.