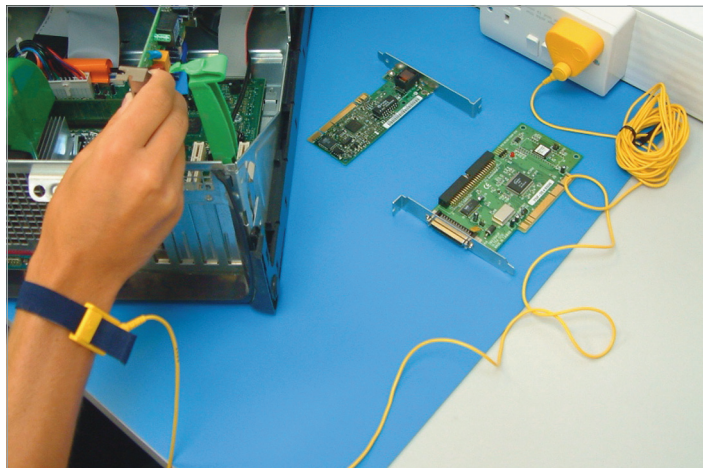


Benchstat



- Superior static-dissipative work surface mat
- Designed to protect bench, components and operatives
- Three layer construction:
- Solid vinyl top surface and foam base. Buried conductive middle layer for superior ESD protection
- Very good lay flat properties
- Easy wipe clean surface

Technical Specifications:

- Meets or exceeds IEC 61340-5-1 resistance requirements
- Actual resistance measurements are $1 \times 10^7 \Omega$ to $1 \times 10^9 \Omega$
- Product height: 3mm

Benchstat Kits

- Benchstat mat
- Each mat supplied with male stud to connect to common point wire
- Wristband with 10mm male stud to connect to coil cord
- Coil cord 10mm male stud and 10mm female stud 1.8m long
- Common point ground wire 10mm male stud and 10mm female stud incorporating 4mm banana socket – length 4.5m
- Earth bonding plug to connect lead to earth

Dimensions (m.)	Weight Kg	Packaging Dimensions (cm.)	Packaging Type	Packaging Volume (m.)	Packaging Quantity	Colour	Part Code
0.6 x 30	46	44 x 44 x 71	Boxed	1	9	Blue	IS020001
				1		Grey	IS060001
1.2 x 30	86	17.5 x 17.5 x 75	Boxed	1	42	Blue	IS020003
				1		Grey	IS060003
0.6 x per linear metre	1.5	46 x 46 x 131	Boxed	1	4	Blue	IS020001C
				1		Grey	IS060001C
1.2 x per linear metre	3	23 x 23 x 124	Boxed	1	20	Blue	IS020003C
				1		Grey	IS060003C
0.6 x 1.2 Kit EU			Boxed	1		Blue	IS020004KEU
						Grey	IS060004KEU
0.6 x 1.2 Kit UK			Boxed	1		Blue	IS020004KUK
						Grey	IS060004KUK
1.2 x plm Kit EU			Boxed	1		Blue	IS020003CKEU
						Grey	IS060003CKEU
1.2 x plm Kit UK			Boxed	1		Blue	IS020003CKUK
						Grey	IS060003CKUK

Continued on next page

Material:	Proprietary 3-layer construction consisting of a conductive layer sandwiched between a solid vinyl top surface and a foam base layer
Surface Finish:	light Pebble
Product Height:	3mm nominal
Operating Temperature:	- 28°C to + 71°C
Resistance to Chemicals:	PVC is resistant to many different chemicals, alkalis and general industrial chemicals. Resist alcohol's, aliphatic hydrocarbons, oils , weak acids, strong mineral acids and alkalis. Resists oil and grease if properly cleaned. Does not resist organic solvents, ketones, esters and aromatic hydrocarbons. Please contact the sales office for more specific details.
Resistivity:	1×10^7 to 1×10^9 Ohms per square metre. (Conforms to BS EN 61340-5-1 and BS 5958 Part 2)
Tensile lb/Square inch	350 (ASTM D412)
Elongation %	110 (ASTM D412)
Tear lb/inch	80 (ASTM D1004)
Environmental Resistance:	Suitable for dry indoor environments.
UV Resistance:	N/A
Typical Applications:	Work bench surfaces within the electronics industry or any environment that requires ESD protection for their products and workplace
Installation Method:	Loose lay - must be connected via grounding wire and accessories (see catalogue)
Cleaning Method:	Brush or wipe the top surface
Flame Retardancy:	Will not burn after the ignition source is removed. When 'forced' to burn, Carbon Monoxide, Carbon Dioxide and Hydrogen Chloride fumes are emitted.
Country of Origin:	USA

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