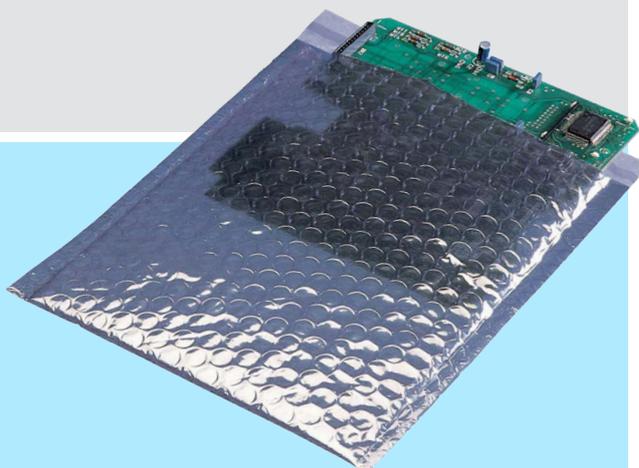


DESCO EUROPE



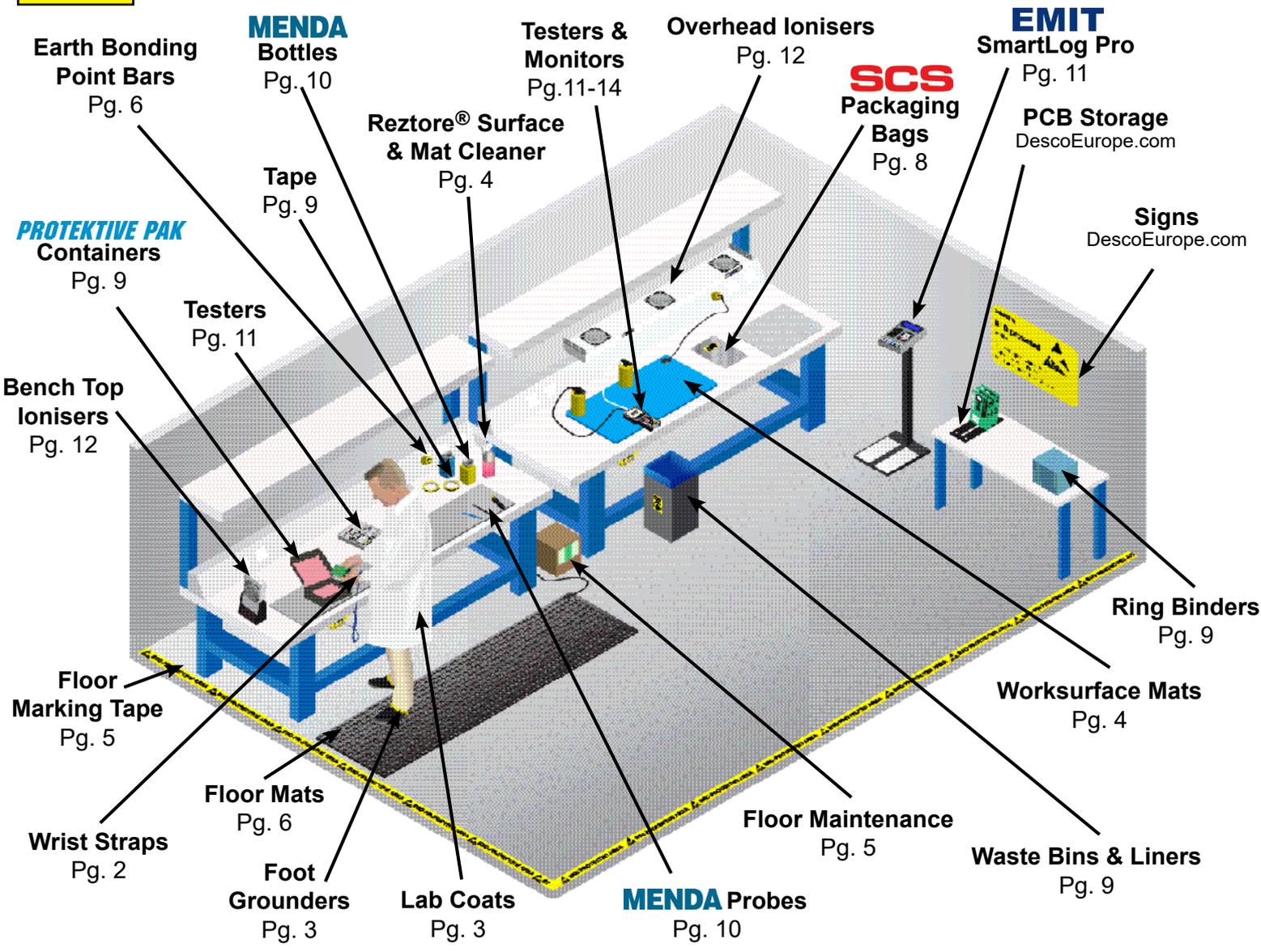
Made in the
United States of America



Made in the
United Kingdom



ESD Control Products Designed for Europe



Desco Europe is the newest brand in the Desco Industries family, consolidating our two previous UK-based brands, Charleswater and Vermason:

- Charleswater, originally located in W. Newton, MA, was acquired in 1990. After several years of offering both Desco and Charleswater products in the US, Charleswater was set up to be the leading brand in the UK with the acquisition of Conductive Products in 1998.
- Vermason was a manufacturer of ESD protection products and was founded in Letchworth in 1979. In April 2007 Desco Industries, Inc. of Chino California acquired 100% of the shares of Vermason Ltd. With this acquisition Vermason became a division of Desco Industries, Inc.

Today, as Desco Europe, we retain our manufacturing capability in Letchworth, Hertfordshire, with sales and administration being split between Letchworth and our Crowborough, East Sussex office.

Desco Europe is a wholly owned subsidiary of Desco Industries Inc. (DII), an American corporation based in California.

Desco Europe sells the full range of DII products, manufactured in our facilities in the USA and UK, servicing the European market via trained distributors who will sell the Desco Europe value package and complete ESD solution to all ESD users in their territory, leading with hi-end solutions that mark us out from the competition.

Desco Europe's UK-based inventory coupled with that of our distributors means that we are in a unique position to support our Customers across Europe no matter what their needs.

Use Desco Europe static control products to optimise your ESD Control programme and to improve quality and output. Per EN 61340-5-2, "Where no ESD handling precautions are taken, a high proportion of electronic apparatus failure can be attributed to ESD damage. This figure could in theory be reduced to zero by adapting the precautions described in EN 61340-5-1 in all areas."

Desco Europe and DII have over 30 years of experience and expertise in the theory and practice of controlling electrostatic energy in the production electronics context. The organisation is happy to pass this knowledge on to its distributors and customers.

The company maintains an extensive library of technical standards and literature and all the products are supported by technical bulletins and drawings where appropriate.

Desco Europe ESD control products are approved by and supplied to most of the leading electronics manufacturers in Europe and the rest of the world. Please take the time to visit our website at DescoEurope.com where you will find further information on our company, including our on-line catalogue which details our entire product range.

For Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions please see [Desco Europe's Warranty](#).





Personnel Grounding

Single-Wire Adjustable Elastic Wrist Straps

- Meets EN 61340-5-1, tested per ANSI/ESD S1.1
- No metal on skin contact, no skin allergies
- Widely adjustable, elasticated fabric band
- Made in the United Kingdom



Wrist Bands

Item	Colour	Stud
229750	Light Blue	10mm
229755	Red	10mm
229765	Yellow	10mm

Coiled Cords

Item	Socket/Socket	Length
230130	10mm/10mm	1m
230245	10mm/10mm	2m
230270	10mm/4mm	2m



Dual-Wire MagSnap 360™ Metal Wrist Straps

- Meets EN 61340-5-1, tested per ANSI/ESD S1.1
- 360° rotation between wristband and coiled cord; designed to promote comfort, freedom of motion, and reduce strain on the operator's wrist
- Magnetic connection between wristband and coiled cord; creates a superior electrical connection to eliminate intermittent failures in traditional snap connections using springs
- Medical grade series stainless steel backplate and links; creates a more reliable path-to-ground for the operator and is ideal for use with low voltage style monitors
- Made in the United States of America



Wrist Straps

Item	Size
60694	Small
60695	Medium
60696	Large

To see the full range of wrist straps visit DescoEurope.com

Reztore® ESD Hand Lotion

- Improves reliability of path-to-ground when using wrist straps, ESD gloves, or ESD footwear
- Will not insulate skin like regular lotions
- Dissipative formulation creates a superior path to ground.
- Non-contaminating and solder-safe; free of chemicals that may adversely affect solderability or cause corrosion of electronic components
- Contains Vitamins A, D, and E
- Enriched with aloe vera
- Mild peach scent
- Made in the United States of America

Hand Lotion

Item	Size
229630	235ml

To see the full range of Reztore® products visit DescoEurope.com





Personnel Grounding

stat-a-REST™ Full Coverage Foot Grounder

- Full Coverage Foot Grounder with contact points on sole and heel area
- Walking voltage generation <100 Volts
- Resistance: 1×10^7 to $< 1 \times 10^9$ ohms

Item	Size
249275	Small
249276	Medium
249277	Large
249278	X-Large



Three Layer Non-Marking Foot Grounder

- Designed to satisfy footwear requirements of EN 61340-5-1
- Top-of-the-line, extra wide bands of rubber
- Non-marking dissipative interior
- Made in the United States of America

Item	Resistor
70007	1 Megohm



Disposable Conductive Booties

- Disposable conductive surgical style Booties are "one size fits all" with elastic opening
- Cleanroom compatible

Item	Unit
52016	Box of 150



Heel Grounder with Hook and Loop Straps

- Economical model
- Double heel cup made of abrasion resistant neoprene
- Straps are hook and loop; hook is 10cm long, loop is 36cm

Item	Resistor
248555	1 Megohm
248560	1 Megohm
248525	1 Megohm



To see the full range of foot grounders visit DescoEurope.com

Statshield® Smocks

- Designed to satisfy groundable ESD Garment requirements of EN 61340-5-1 per ANSI/ESD STM2.1
- Hip-to-cuff grounding allows your coil cord to snap to the hip of the smock for hands-free grounding, increasing productivity
- Minimum of 9% carbon conductive nylon fibers woven in chain-link design
- Creates Faraday Cage effect
- Panel To Panel Conductivity
- Label with ESD protective symbol on breast pocket
- Made in the United States of America

Sizes	Blue Smock	Black Smock
Small	221420	221431
Medium	221421	221432
Large	221422	221433
XLarge	221423	221434



ESD Lab Coats

- Designed to satisfy groundable ESD Garment requirements of EN 61340-5-1 per ANSI/ESD STM2.1
- 2 side pockets and 1 breast pocket
- Cuffs with snap-fastener
- Tough and durable material
- Composition: polyester (63%), cotton (33%) and conductive fibres (4%)
- Creates Faraday Cage effect
- Label with ESD protective symbol on breast pocket



Sizes	Lab Coat
Small	72151
Medium	72152
Large	72153



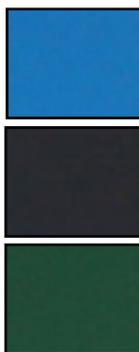


Working Surface Matting

Statfree T2™ Dissipative Dual Layer Rubber

- Durable rubber material, dissipative on one side and conductive on the other
- Dissipative working surface, 1×10^6 to $< 1 \times 10^9$ ohms Rp-p
- Lightly embossed surface
- Meets EN 61340-5-1 working surface, tested per IEC 61340-2-3
- Made in the United States of America

Item	Colour	Size
80685	Blue	1.5mm x 0.76m x 12.2m
80688	Dark Grey	1.5mm x 0.76m x 12.2m
80689	Dark Grey	1.5mm x 1.2m x 12.2m
80663	Green	1.5mm x 1.2m x 12.2m



SCS 6800 Series 2-Layer Rubber

- Dissipative dual layer rubber material
- High strength nitrile rubber compound
- Dissipative (1×10^6 to $< 1 \times 10^9$ ohms Rtt) top color layer
- Conductive ($< 1 \times 10^4$ Rtt) black bottom layer

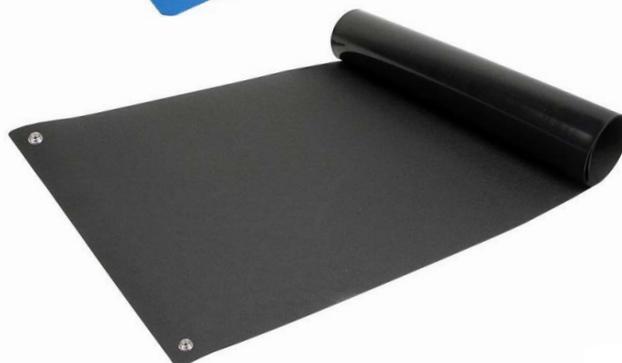
Item	Colour	Size
6811	Blue	1.8mm x 0.6m x 1.2m
6810	Grey	1.8mm x 0.6m x 1.2m



EVA Bench Matting & Shelf Lining

- Flexible, tough and fairly hard
- Offers excellent chemical resistance
- Mats supplied with four 10mm studs
- Low cost

Item	Colour	Size
228290	Grey	1.5mm x 1.2m x 0.54m



Micostat® Laminate Sheets

- Dissipative high pressure thermoset amino resin laminate
- Dissipative ($< 1 \times 10^9$ ohms Rp-p)
- Dedicated conductive layer
- Meets EN 61340-5-1 working surface, tested per IEC 61340-2-3
- Made in the United States of America

Item	Colour	Size
90068	Grey	0.97mm x 0.76m x 3.0m
90080	Grey	0.97mm x 1.2m x 3.6m



Reztore® Antistatic Surface & Mat Cleaner

- Static dissipative solution: 1×10^6 to $< 1 \times 10^9$ ohms
- Does not contain silicone
- Made in the United States of America

Item	Description	Litres
229021	Spray Bottle	1
229022	Spray Bottle, Carton Of 12	1
229023	Refill Box	10

To see the full range of working surface matting visit

DescoEurope.com





Floor Paint and Floor Care

Statguard® Dissipative Floor Finish

- Easy to apply; improves productivity
- Produces beautiful, long lasting, durable finish, but easy to strip
- Made in the United States of America

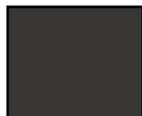
Item	Description	Litres
220521	Statguard® Floor Finish	10
220528	Statguard® Low-VOC Floor Finish	19



Statguard® Conductive Acrylic Latex Paint

- Meets EN 61340-5-1 flooring tested per IEC 61340-4-1
- Easy to repair, touch up, and maintain
- Adheres to floor, walls, or wood furniture
- Made in the United States of America

Item	Colour	Litres
210221	Dark Grey	3.8



Statguard® Conductive Epoxy

- One coat system saves labour
- Two-part epoxy floor coating
- Epoxy is a tight cross-linking thermosetting epoxide polymer providing superior toughness and durability
- Made in the United States of America

Item	Colour	Litres
210225	Light Grey	15



Statguard® Floor Cleaner

- Formulated with dissipative agents that rejuvenate and improve the properties of floor finish
- Cleans conductive tile flooring
- Made in the United States of America

Item	Litres
220522	10



Statguard® Floor Stripper

- Non-ammoniated and phosphate-free
- Low pH formulation (pH 10.5)
- Strips floor finish from vinyl, VCT, concrete, rubber, terrazzo, quarry tile, brick, slate, and unglazed ceramic
- Made in the United States of America

Item	Litres
220523	10

Floor Tape and Packaging Tape

- Tough, durable floor tape
- Quick-stick adhesive
- Made in the United States of America

Item	Description	Size
210310	Floor Marking Tape, English	50mm x 66m
91350	Aisle Marking Tape, English	76mm x 32.9m



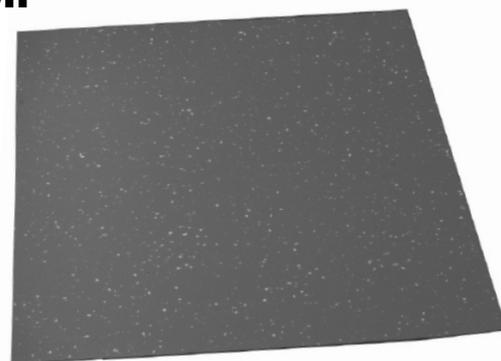
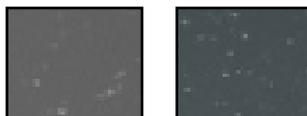


Floor Matting and Grounding

Statfree DLR™ Dissipative 2-Layer Rubber Roll

- Designed as working surface mat, can be used as a colourful floor mat
- Dual-layer rubber and static dissipative coloured side or conductive black side

Item	Colour	Size
210926	Light Grey	2.5mm x 1.92m x 10m
210927	Dark Grey	3.5mm x 1.22m x 10m



Statfree S Plus™ Dissipative Anti-Fatigue Rubber

- Cross-link vinyl/nitrile rubber construction
- Heavy embossed texture that is slip and soil resistant
- Beveled edges
- Meets EN 61340-5-1 flooring, tested per IEC 61340-4-1
- Made in the United States of America

Item	Colour	Size
80135	Grey	9.5mm x 0.9m x 18.3m



Earth Bonding Point Plugs

- Designed to provide a common ground point for grounding using protective earth in an ESD protected area (EPA).

Item	Description	Stud
231200	Earth Bonding Point, UK Plug	3 x 10mm
231225	Earth Bonding Point, UK Plug	2 x 4mm
231135	Earth Bonding Point, European Plug	3 x 10mm



Earth Bonding Point Mat Grounding Cord

- Low profile common ground point conical design reduces chances of accidental detachment
- 10mm snap stud
- Made in the United States of America

Item	Description
60488	10mm stud to 10mm socket, 1 Meg, 4.5m
60474	10mm stud to M5 ring terminal, 1 Meg, 4.5m



Universal Snap Kit

- Snap is user installable
- Kit includes a 10mm stud, 10mm socket, long screw, short screw, and label
- Made in the United States of America

Item	Description
230646	Universal Snap Kit, 10mm



To see the full range of grounding kits visit

DescoEurope.com





Statshield® Transparent Metal-In Bags

- General use ESD shielding bag
- 40% light transmission
- Meets EN 61340-5-1 and Packaging EN 61340-5-3
- Made in the United States of America

With Zipper

Item	Size
201025	100mm x 150mm
201070	150mm x 255mm
201210	610mm x 760mm

Without Zipper

Item	Size
201510	100mm x 150mm
201551	305mm x 455mm
201556	455mm x 610mm



Pink Anti-Static Bags with Write-on Panels and Zipper

- For use with non-ESD sensitive items destined for use in an EPA
- Economical
- Made of polyethylene, 0.070mm thick
- Rs: 1×10^{11} ohms, T1000: < 2s at 50% rH, 22°C
- Made in the United Kingdom

Item	Size
203015	150mm x 200mm
203025	200mm x 255mm
203030	255mm x 355mm



Black Conductive Bags & Tubing also available



Statshield® EMI/RFI Moisture Barrier Bags

- Protects contents from ESD, moisture, and EMI/RFI interference
- Thickness: Nominal 0.0035" (0.089mm) ±10%
- Meets EN 61340-5-1 and Packaging EN 61340-5-3
- Made in the United States of America

Item	Size
204575	255mm x 610mm
204580	255mm x 660mm
204585	305mm x 405mm

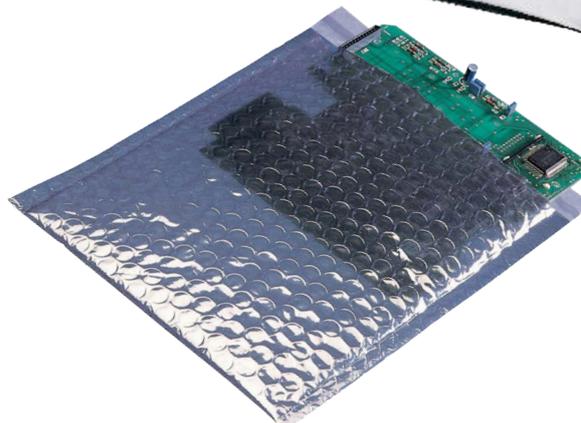
To see the full range of ESD bags visit DescoEurope.com



Metal-In Shielding Bubble Bags

- Combines "Faraday Cage" and mechanical protection
- Shields as well as normal shielding bag of equivalent size

Item	Size
200510	100mm x 150mm, 25mm Flap
200515	150mm x 255mm, 25mm Flap
200535	305mm x 405mm, 50mm Flap





1000 Series Metal-In Static Shielding Bags

- PCB assemblies, sensitive devices, computer manufacturers and general ESD markets
- **Exterior surface resistance:** 1×10^4 to $< 1 \times 10^{11}$ ohms
- **Thickness:** 0.0028" (0.071mm)
- **Puncture resistance:** 12 lbs
- **Made in the United States of America**



Item	Size
10035	76mm x 127mm
100812	203mm x 305mm

1500 Series Metal-Out Static Shielding Bags

- Low exterior static surface resistivity
- Low charge retention
- **Exterior surface resistance:** 1×10^4 to $< 1 \times 10^6$ ohms
- **Thickness:** 0.0030" (0.0762mm)
- **Puncture resistance:** 10 lbs
- **Made in the United States of America**



Item	Size
150713	178mm x 330mm
150720	178mm x 508mm

Dri-Shield® 2000 Series Moisture Barrier Bags

- Aluminum low barrier bags
- Cost effective
- Designed for moisture sensitive items
- **Exterior surface resistance:** 1×10^4 to $< 1 \times 10^{11}$ ohms
- **Thickness:** 0.0036" (0.0914mm)
- **Puncture resistance:** 20 lbs
- **MVTR:** ≤ 0.035 (gms / 100 in² / 24 hrs, 100°F)
- **Made in the United States of America**



Item	Size
7001618	406mm x 457mm
7001824	457mm x 610mm

Dri-Shield® 3000 Series Moisture Barrier Bags

- Thick, durable bag
- Nylon reinforcement layer
- **Exterior surface resistance:** 1×10^4 to $< 1 \times 10^{11}$ ohms
- **Thickness:** 0.006" (0.1524mm)
- **Puncture resistance:** 16 lbs
- **MVTR:** ≤ 0.0003 (gms / 100 in² / 24 hrs, 100°F)



Item	Size
D301012	255mm x 305mm
D301618	405mm x 455mm

Desiccant

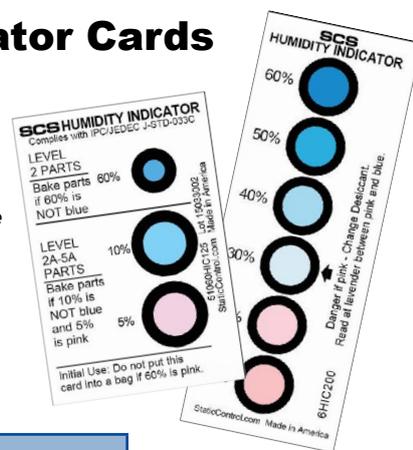
- SCS Desiccant pouches absorb moisture that passes through the bag laminate
- Desiccant is packed inside white non-woven Tyvek® pouches, and is shipped in sealed pails
- Use with Moisture Barrier Bags and Humidity Indicator Cards



Item	Size
1/2PLDES550	1/2 Unit
1PLDES300	1 Unit

Humidity Indicator Cards

- Measures the level of relative humidity that the contents of the packaging have been exposed to
- SCS Humidity Indicator Cards (HIC) are printed with moisture sensitive spots which change color from blue to pink when exposed to a relative humidity level



Item	Description
6HIC200	6-Spot
51060HIC125	3-Spot, 5-10-60%





Tape and Accessories

ESD Labels

- Clear visible markings
- Strong Adhesive
- RoHS 2, REACH and Conflict Minerals compliant



Caution
This bag contains
MOISTURE-SENSITIVE DEVICES

1. Calculated shelf life in sealed bag: 12 months at +40°C and 100% relative humidity (RH).
2. Peak package body temperature: _____ °C. (Do not exceed this temperature. Exceeding this temperature may result in damage to the device.)
3. After bag is opened, devices that will be subjected to yellow solder or other high temperature process must be:
 - a) Replaced within _____ hrs of factory conditions (-30°C to 125°C RH).
 - b) Stored per J-STD-033.
 - c) Devices require bake, before mounting, if:
 - i) Humidity Indicator Card reads >10% for level 2a - the devices are >60% for level 2b; or
 - ii) 3a or 3b are not met.
 - d) If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure.
4. Bag Seal Date: _____

Note: Level and body temperature defined by IPC/JEDEC J-STD-033. DescoIndustries.com

Item	Description	Size
91302	Attention, RS-471	50mm x 50mm
242190	Protection Label, English	5mm x 5mm
91309	Moisture Barrier Bag, IPC/JEDEC J-STD 020	82mm x 95mm

PROTEKTIVE PAK Corrugated Circuit Board Shippers

- Economical, efficient method of storing static sensitive electronic devices
- Constructed from a unique buried conductive layer of impregnated-corrugated fiberboard with a static dissipative surface
- Convolutated static dissipative < 1 x 10¹¹ ohms polyurethane pink foam laminated to the top and fitted in bottom
- Made in the United States of America

Item	Size
37057	229mm x 191mm x 64mm
37061	267mm x 216mm x 64mm
37065	318mm x 267mm x 64mm
37071	394mm x 318mm x 64mm



Dissipative Ring Binders

- Antistatic blue PVC covering
- Rs = 1 x 10⁵ to < 1 x 10¹¹ ohms, per IEC 61340-2-3
- A4 portrait format
- Made in the United Kingdom



Item	Rings	Ring size	Spine Width
238701	Two	25mm	40mm
238706	Four	25mm	40mm
238711	Four	50mm	70mm

Dissipative Document Wallet

- Designed for use within ESD Protected Areas in accordance with EN 61340-5-1
- Inherently static dissipative - Charges removed to ground when placed on a grounded working surface or handled by a grounded operator
- Made in the United Kingdom



Desiccant and Humidity Indicator Cards

- Use Humidity Indicator Cards and Desiccant in Statshield® ESD Moisture Barrier Bags to absorb moisture and protect ESD and moisture sensitive items
- Lead-free RoHS compliant
- Made in the United States of America



HUMIDITY INDICATOR
Complies with IPC/JEDEC J-STD-033C

LEVEL 2 PARTS
Bake parts if 60% is NOT blue

LEVEL 2A-5A PARTS
Bake parts if 10% is NOT blue and 5% is pink

Initial Use: Do not put this card into a bag if 60% is pink.

Item	Description	Size
90664	Humidity Indicator Card, 5% 10% 15% RH, J-STD-033A	5.1cm x 7.6cm
90665	Humidity Indicator Card, 5% 10% 60% RH, J-STD-033B	5.1cm x 7.6cm
90668	Desiccant Pak, 1 Unit	51mm x 102mm

Waste Bins and Liners

- Conductive waste bins are useful in large ESD Protected Areas where waste accumulates and cannot be conveniently removed except in bulk
- Bin liners are made of antistatic polyethylene
- Marked with ESD protective symbol
- Made in the United Kingdom



Item	Description
239210	Conductive Waste Bin, 25cm x 25cm x 40cm
239205	Conductive Waste Bin, 40cm x 40cm x 78cm
239230	Blue Bin Liner, 30L
239220	Blue Bin Liner, 50L
239235	Blue Bin Liner, 110L

Wescorp Antistatic Cellulose Tape

- Ideal in packaging for container sealing, static shielding bag closure, and holding DIP tubes
- Prevents damage to sensitive electronic components in manufacturing
- Ideal for sealing ESD bags and other ESD packaging/containers
- Lead-free RoHS compliant



Item	Size (W x L x Core)
242272	24mm x 65.8m, 76.2mm Core
242271	18mm x 65.8m, 76.2mm Core
242273	48mm x 65.8m, 76.2mm Core



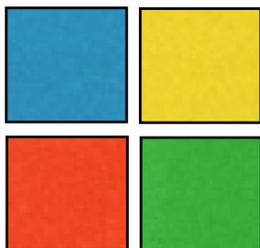


Dispensers and Hand Tools

MENDA durAstatic® Dissipative ESD Protective Bottles

- Designed to protect your valuable static sensitive printed circuitry
- No migratory additives - reduces the chance for contamination from the bottle
- Embossed with ESD Protective Symbol
- Made in the United States of America

Item	Size	Colour	Pump
35283	180ml	Blue	One-Touch
35276	180ml	Yellow	One-Touch
35270	180ml	Orange	One-Touch
35273	180ml	Green	One-Touch



Custom printing available on ALL bottles

MENDA Natural HDPE Bottles

- High Density Polyethylene
- Square shape provides stability and saves storage space
- Available with no-spill locking pump
- Easy to fill wide opening
- Not ESD safe
- Made in the United States of America

Item	Size	Colour	Pump
35702	120ml	Natural	Take-Along
35703	180ml	Natural	Take-Along



MENDA Nylon Probe Tools

- Ideal material for use in ESD protected area
- Nylon finish will not mar delicate surfaces
- Temperature resistant
- Made in the United States of America

Item	Description	Size
35621	Spudger Probe	140mm
35622	Point Blade Probe	150mm
35619	Fork-Blade Probe	178mm



MENDA Stainless Steel Probe Tools

- Ergonomic hex handle for better grip
- Non-magnetic, conductive, 300 series stainless steel
- Made in the United States of America

Item	Description	Size
35617	Angle Probe	140mm
35630	Probe Kit Of Four With Pouch	140mm



MENDA Brushes

- Allows thorough cleaning of ESD sensitive assemblies without the danger of high charges generated by conventional brushes
- Hot stamped ESD protective symbol

Item	Description	Size
238110	Conductive Flat Nylon Brush	16mm x 12mm
238145	Conductive Block Nylon Brush	22mm x 75mm
35694	Flat Conductive Brush	12.7mm
35686	Flat Dissipative Brush	25.4mm





Personnel Testers and Monitors

EMIT SmartLog Pro®

- Tests the operator's path-to-ground
- Electronic data acquisition creates test record database for auditing and quality control
- Operator identification tests operators based on assigned test requirements
- Pairs with a turnstile, automatic door or other locking system to control access to ESD protected areas
- Simultaneous testing in less than 2 seconds
- Stand-alone operation

Item	Description
50780	SmartLog Pro®
50415	Stand for SmartLog Pro®
50493	TEAM5 Software



Combo Tester

- Tests operator's path-to-ground
- Default wrist strap and footwear test limits of 750 kilohms to 35 megohms
- Use the rocker switch to select a wrist strap or footwear test
- 9 Volt battery operated for portability
- Made in the United States of America

Item	Description
99037	Combo Tester
99038	Combo Tester with Stand and Foot Plate



To see the full range of testers and monitors visit DescoEurope.com

Combo Tester X3

- Tests operator's path-to-ground
- Default wrist strap and footwear test limits of 750 kilohms to 35 megohms
- Simultaneously tests the wrist strap and both ESD footwear within 2 seconds
- Solid-state test switch with no moving parts
- Includes relay terminal for activating electronic locks, lights and buzzers
- Made in the United States of America

Item	Description
99031	Combo Tester X3
99032	Combo Tester X3 With Stand
99033	Combo Tester X3 with 10mm Adapter
99034	Combo Tester X3 With 10mm Adapter and Stand



Multi-Mount Continuous Monitor

- Monitors 1 operator and 1 working surface
- Includes grounding hardware for working surface
- Park snap feature
- Made in the United States of America

Item	Description
222608	Continuous Monitor, 220VAC



SCS Iron Man® Plus Workstation Monitor

- Continuously monitors the path-to-ground integrity of an operator and conductive or dissipative working surface
- Alarms if overvoltage ($\pm 5V$ or less) from a tool such as a soldering iron or electric screwdriver is applied to a circuit board under assembly
- Uses minimal workspace and includes mounting tabs for installation underneath table tops
- Assembled in the United States of America with globally sourced materials

Item	Description
CTC331-WW	Iron Man® Plus Workstation Monitor





Monitors and Ionisers

EMIT Zero Volt Monitor

- Monitors 2 operators and 2 working surfaces
- Patented low voltage steady-state DC continuous loop monitoring technology
- Monitors operator's path-to-ground and charge detection > ±1.25 Volts
- Operator test limit: 1.91 megohms - 10 megohms
- Includes grounding hardware for working surface
- Additional non-monitored grounding jack on each remote
- Made in the United States of America



Item	Description
50537	Continuous Monitor, with 2 Wrist Straps, No Power Adapter

EMIT Overhead Zero Volt Ioniser

- Fast decay times (<4 seconds at 46cm)
- ±3 volt offset voltage balance
- Steady-state DC ionisation
- Made in the United States of America



Item	Description
50671	Overhead Ioniser, 2-Fan, 220VAC
50672	Overhead Ioniser, 3-Fan, 220VAC

EMIT Chargebuster Overhead Ioniser With Lights

- Fast decay times (<4 seconds at 46cm)
- ±10 volt offset voltage balance
- Steady-state DC ionisation
- 700 lumen LED panel lights (cool white)
- Made in the United States of America



Item	Description
50602	Overhead Ioniser with Lights, 2-Fan, 220VAC
50603	Overhead Ioniser with Lights, 3-Fan, 220VAC

SCS Overhead Air Ioniser

- Fast decay times (<4 seconds at 46cm)
- ±15 volt offset voltage balance
- Steady-state DC ionisation
- Built-in automatic emitter point cleaners



Item	Description
9310-NO	Overhead Air Ioniser, No Power Cord

EMIT Benchtop Zero Volt Ioniser

- Fast decay times (<2 seconds at 30cm)
- ±3 volt offset voltage balance
- Steady-state DC ionisation
- Made in the United States of America



Item	Description
50670	Benchtop Ioniser, 220VAC

EMIT Mini Zero Volt Ioniser 2

- Fast decay times (<3 seconds at 30cm)
- ±5 volt offset voltage balance
- Steady-state DC ionisation
- Compact size (134mm high x 89mm wide x 43mm deep with stand)
- Made in the United States of America



Item	Description
50642	Mini Zero Volt Ioniser 2

SCS Benchtop Air Ioniser

- Fast decay times (<2 seconds at 30 cm)
- ±15 volt offset voltage balance
- Steady-state DC ionisation
- Electrostatically shielded emitter points eliminates field-induced charging



Item	Description
963E-NO	Benchtop Air Ioniser, No Power Cord





ESD Test Equipment

Digital Surface Resistance Meter Kit

- Measures resistance point-to-point (Rp-p) or surface-to-ground (Rg) of working surfaces, flooring systems, garments, packaging, and other materials in accordance with EN 61340-5-1 Electrostatics and its test method IEC 61340-2-3
- Resistance values are expressed with a digital mantissa and LED exponent
- Measures resistance range greater than 1.0×10^3 ohms to less than 1.0×10^{12} ($\pm 10\%$ accuracy)
- Automatic test voltages (10V and 100V $\pm 5\%$)
- Quick check button bypasses the 15 second electrification period to allow quick spot checks

Item	Description
222642	Digital Surface Resistance Meter Kit



Analogue Surface Resistance Meter Kit

- Analogue compliance verification surface resistance checker
- Automatic test range voltage selection per Compliance Verification ESD TR53
- Measures resistance range greater than 1.0×10^3 ohms to less than 1.0×10^{12} ($\pm 10\%$ accuracy)
- LED illuminates when battery power is low
- Made in the United States of America

Item	Description
222635	Analogue Surface Resistance Meter Kit



EMIT Digital Static Field Meter and Ionisation Test Kit

- Portable electrostatic meter for testing of static fields
- Problem solving tool that may be used to identify items that can be charged
- Ionisation Test Kit for testing of offset voltage and decay times of air ionisers
- Use for EN 61340-5-1 required compliance verification of ionisers per ANSI/ESD STM3.1
- Made in the United States of America

Item	Description
50597	Digital Static Field Meter
50598	Ionisation Test Kit



SCS EM Eye - ESD Event Meter

- Detects, counts and measures ESD events that can damage ESD items and cause tool lock-ups, erratic behavior and parametric errors
- Calculates event magnitude for Charged Device Model (CDM), Human Body Model (HBM) and Machine Model (MM)
- Records all measurements to a microSD card for PC download
- Touchscreen display provides intuitive user interface
- Rechargeable lithium ion battery
- Assembled in the United States of America with globally sourced materials

Item	Description
CTM048-21	EM Eye - ESD Event Meter



SCS Ground Pro Meter

- Verifies critical grounding parameters of a facility
- Measures AC voltage, DC voltage, EMI voltage and AC impedance
- Provides accurate measurements of ground impedance on a working tool
- Meets ANSI/ESD S20.20 requirements for AC impedance
- Identifies potential EOS generators
- Measures maximum millivolt requirement of IPC-A-610
- Assembled in the United States of America with globally sourced materials

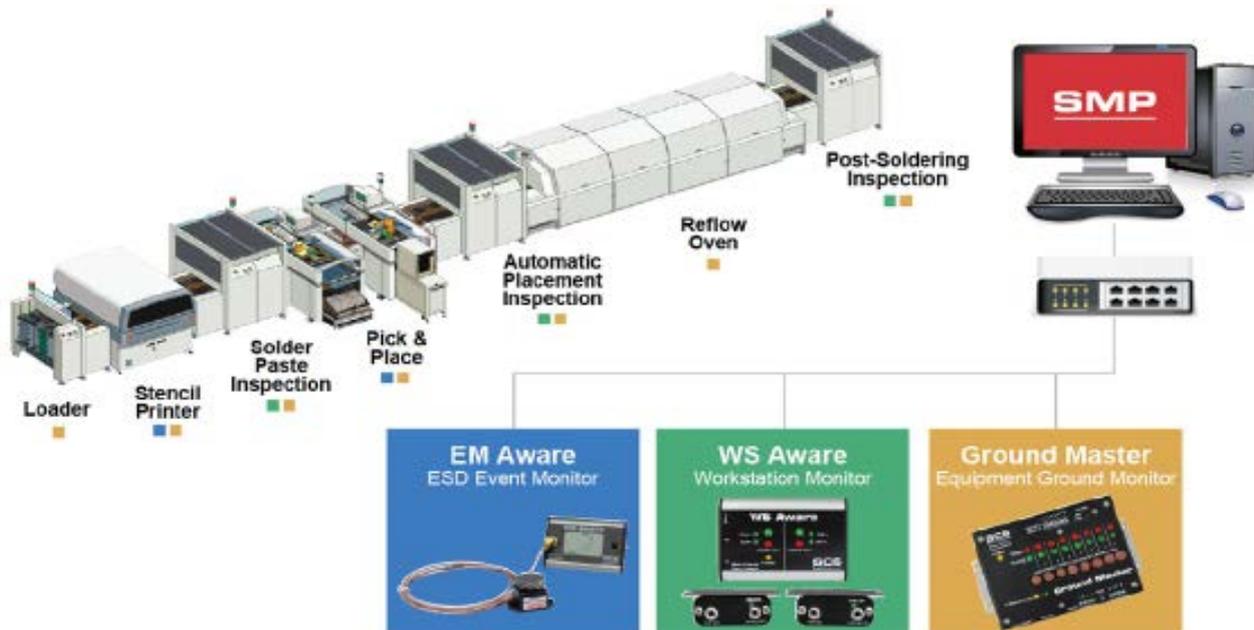
Item	Description
CTM051	Ground Pro Meter





The Next Generation of ESD Process Control

Continuously monitor your entire ESD process control system throughout all stages of manufacturing



SCS Static Management Program (SMP) continuously monitors your ESD process control system throughout all stages of manufacturing. SMP captures data from SCS workstation, equipment and ESD event continuous monitors and provides a real-time picture of critical manufacturing processes. All activity is stored into a database for on-going quality control purposes. SMP allows you to pinpoint areas of concern and prevent ESD events. Quantifiable data allows you to see trends, become more proactive and prove the efficiency of your ESD process control system.

SCS EM Aware Monitor

Item	Description
770063	EM Aware Monitor



- Detects and measures ESD events, static voltage field and ionisation performance
- Verifies the offset voltage balance of critical environment ionisers with a $< \pm 5V$ specification
- Identifies problematic environments and qualifies tools for handling ESD-sensitive devices
- Optical relay terminal pairs with lights and buzzers for increased performance visibility
- Assembled in the United States of America with globally sourced materials

SCS WS Aware Monitor



- Continuously monitors the path-to-ground integrity of two conductive or dissipative working surfaces, and two metal tools
- Applies an ultra-low test voltage to the operator (0.05V) for the handling of sensitive components
- Alarms if the operator generates or comes in contact with voltage that would be dangerous to an ESD susceptible item
- Remote terminals with Big Brother Sensor detect the presence of an operator and alarms if a wrist strap is not connected to prevent ungrounded handling of ESD susceptible items
- Assembled in the United States of America with globally sourced materials

SCS Ground Master Monitor

- Continuously monitors path-ground impedance of eight metal tools
- Alarms if the grounded metal tools have high-frequency noise that could cause electrical overstress (EOS) damage
- Optical relay pairs with lights and buzzers for increased performance visibility



Item	Description
770060	Ground Master Monitor

Item	Description
770061	WS Aware Monitor, with Standard Remotes
770062	WS Aware Monitor, with Big Brother Remotes

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