# **Semiconductors** – Static Protection

### **Caution and Exit Signs**



Anti-static self-adhe-Vormerson sive or rigid conductive plastic signs

- 179-866 and 179-867 may be screw fixed or self adhesive pad fixed Double-sided sign may be suspended
- Conform to EN100 015-1

#### Mftrs. List No.

J 24 12 = 179-864, J 24 21 = 179-866, J 24 23 = 179-867, J 24 18 = 254-400. J 24 36 = 438-662 J 24 41 = 265-044.

				31/	120
Size			Price Each		
Caution, Self-adhesive	Order Code	1+	10+	50+	
50 100mm	254-400				
150 300mm	179-864				
Caution, Rigid Screw-on					
150 300mm	179-866				
300 600mm	179-867†				
Exit, Self-adhesive					
150 300mm	265-044†				
† Available until stocks are	exhausted				

## **Caution Signs and Labels**



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	L	Н	Mftrs. List No.	Order Code	1+	Price Each 10+	50+	
Self Adhesive Signs								
Wall Style	152.5	305	7413	997-316				
Rigid Wall Sign	305	604	7414	997-328				

## **Ionisation Equipment**

## Hand-Held Ioniser



- Neutralises positive and negative charges
- Convenient, pistol grip action
- 400mm range
- Reliable, piezo-electric operation
- Requires no power supply, batteries or recharges
- 50,000 trigger operations min.
- Unique 'ion indicator' test device included
- Ideal for field-service, prototyping and production use

**Price Each** Order Code 1+ 5+ 936-856

## **Work Station Ionisers**



Personal H = 171, W = 152, D = 63.5 Bench top H = 178, W = 279, D = 229

lonisers are designed to neutralise charge in areas prone to static build up, by providing a continuous stream of balanced positive and negative ions.

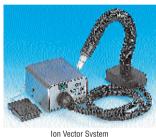
The Personal Ioniser is compact, lightweight and easily portable. It has a twin speed fan, and unique alarm circuitry, indicating when the emitter electrodes require cleaning, thus maintaining optimum performance. Air filter supplied. Decay time at 2ft from ioniser front is 4 seconds.

The Bench Top Ioniser is durable and efficient and maintains an ion balance under extreme conditions in most environments. It has a powerful variable speed fan and a heater which compensates for the chill factor by raising the ambient air temperature by 10°F. The laminar air flow reduces air turbulance and ion recombination, prolongs cleanliness and increases efficiency. Decay time at 2ft from ioniser front is 2 seconds.

Both ionisers may be wall, shelf or work bench mounted. Recommended working distance from ioniser front for optimum charge neutralisation 0.15m min to 1.07m max.

					STA
	Mftrs. List No.	Order Code	1+	Price Each 3+	10+
Supplied wit	h UK Mains Lea	ad			
Personal	92321	438-716			
Bench top	92300	438-728			
Supplied wit	h 'Schuko' Euro	Lead			
Personal	92321EU	322-5460			
Bench top	92300EU	322-5458			

#### **Vectored Air Ionisation Systems**





CHARLEMATER

Photoelectric Switch

The Ion Vector and Neutalising Hand Gun systems are complete ionisation systems designed to deliver a controlled combination of compressed, ion balanced air, to eliminate static charge, whilst removing dust and other contaminants attracted by the static.

The Ion Vector System is fixed mounted. Ionised air is delivered via a flexible 1.5m hose, goose-neck nozzle, and stand. It is controlled by either a footswitch (supplied), or optional photo-electric switch for automatic operation on a conveyor belt system.

The Hand Gun System is a flexible, hand-held unit. Ionised air is delivered via a 2.1m hose and hand gun nozzle, with thumb operated switch.

Each system comprises a control base unit, air hose, and appropriate nozzle. Base units have quick-connect air line fittings, needle valve air flow adjustment, ion balance ajustment, and replaceable air filter. For operation, a clean, dry air supply is required, and IEC mains cord suggested order codes 152-575 (UK) or 210-699 (European 'Schuko') style.

Air Consumption

220 V ac, 50Hz

	Mftrs.		Price Ea	ach
on Vector System	List No.	Order Code	1+	3+
(inc. footswitch)	92100	165-396		
Hànd Gun System	92105	165-402		
Photoelectric Switch	92117	165-414		
Replacements				
1.5mm Vector Nozzle	92115	165-426†		
2.1m Hand Gun Nozzle	92118	165-438†		
Footswitch	92116	165-440†		
Air Filters (pack of 2)	92119	165-451		

## Overhead Ioniser

Input Voltage



## CHARLENVATER Autobalancing

3.5 CFM 30 PSI

with audio/visual alarms

- High air output 4.25-7.35m3/min Continuous monitoring for optional performances
- 2 120mm fans
- Compact size

POWER CORD REQUIRED, SEE ORDER CODES 439-307 OR 210-699 (EURO-PEAN 'SCHUKO') STYLE

		Pric	e Each
Mftrs. List No. 92235	Order Code 165-475	1+	3+
92233	105-475		