

3M Introduces Overhead Air Ionizer to Neutralize Static

A new 3M air ionizer, mounted above the electronics assembly workbench, delivers ionized air over a 2-foot-by-4-foot work area, neutralizing static charge that can damage sensitive components. The 3M Overhead Air Ionizer 991 uses steady state DC ionizing technology that offers an intrinsic balance of less than plus or minus 20V so it never needs calibration.

Workers can adjust the speed of the unit's three fans – high or low – to control ionization rate and worker comfort. At high speed, the ionizer neutralizes charges of 100V to 1,000V on nonconductive objects and surfaces 18 inches below the fans in less than eight seconds. At low speed, the ionizer runs quieter and is less likely to dry out contact lenses.

Turning the unit off and on again activates an automatic cleaning system that sweeps the air emitter points, reducing the need for manual cleaning and thus lowering maintenance costs. During operation, the brush cleaners automatically retract to prevent emitter point wear.

The 44-inch-long unit fits easily into small spaces, freeing up valuable workbench space. The ionizer weighs 10 pounds and can be hung overhead with S hooks or attached to the workbench with brackets. The unit is RoHS compliant(a) and ergonomically sound.

About 3M Electronics

3M Electronics is a leading supplier of innovative solutions to the electronics market. 3M's wide array of advanced technologies enables the company to design specialized products intended to help electronics manufacturers improve quality, reduce costs and lower emissions. The company's products help its customers connect, clean, polish, adhere, protect, transport and finish their products. 3M serves customers in numerous market segments, including semiconductor; OEM electronics; computers and peripherals; mobile and hand-held, as well as consumer, aerospace, military, automotive and medical markets.

About 3M - A Global, Diversified Technology Company

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers in more than 200 countries around the world, the people of 3M use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit www.3M.com.

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(a) "RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

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