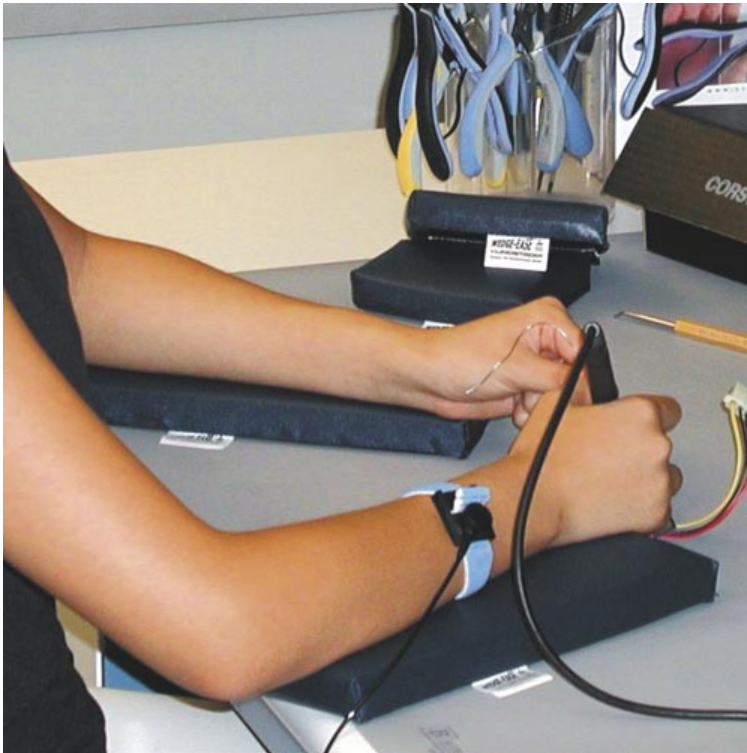


**New!**

# ESD & Cleanroom Safe Ergonomic Armrests

Lindstrom introduces a new product category for use in production applications where the users' arms must maintain awkward and unsupported positions that can lead to discomfort or stress. Created by a board certified Ergonomist, **Wedge-Ease**<sup>®</sup> ESD by Lindstrom are designed to support wrists and forearms in a neutral posture, allowing for a comfortable working position that may help reduce fatigue and risk of injury. **Wedge-Ease**<sup>®</sup> ergonomic support pads are a natural compliment to Lindstrom's fine line of precision ergonomic tools.



- Static dissipative design for ESD safe use
- Exceeds Mil Std 1246C and Fed Std 209E for Class 10 cleanroom requirements
- May help prevent musculoskeletal strain associated with awkward postures
- Eliminates resting of elbows and forearms on hard work surfaces
- Helps reduce upper body fatigue associated with demanding, precision assembly



Wedge-Ease® ESD ergonomic rests offer a wide range of unique benefits to users that no other products can. Constructed of highly resilient “comfort” foam, Wedge-Ease® provides excellent support for users’ elbows, forearms and wrists. Their hands are free to work with maximum support while maintaining a steadier, more natural position. This makes every movement more precise and consistent, and may help reduce mistakes and costly rework caused by fatigue or by the use of inaccurate focal lengths under magnification. Unleash the power of precise workmanship by equipping your assemblers, inspectors and rework specialists with Wedge-Ease® — a “preventative measure” that can provide immediate results, a better and safer work environment.

### Before



### After



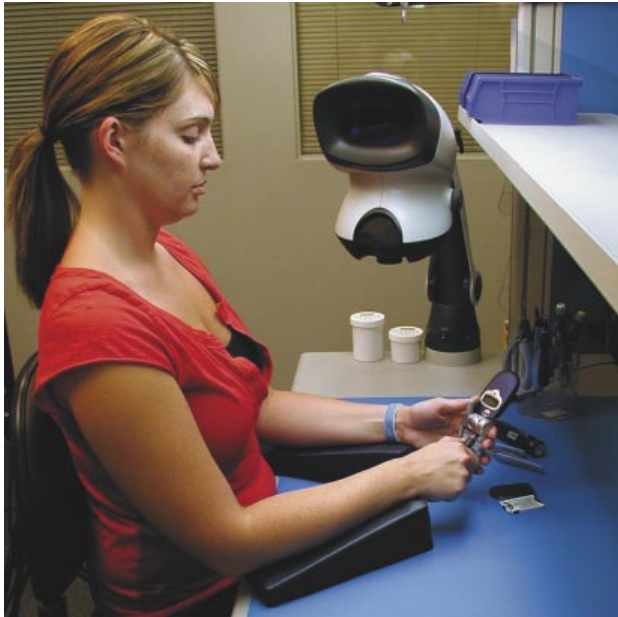
*Without Wedge-Ease® ESD the manufacturing and inspection process leaves the worker hunched over with wrists bent and forearms leaning on the hard edge of the bench, resulting in unsteady hands that are difficult to keep within the focal area of the inspection device.*

*With Wedge-Ease® ESD the worker is able to sit upright with full chair contact. The microscope is adjusted to naturally fit her height and her wrists are fully supported, resulting in the proper neutral posture of her head, neck, back and arms.*

- Supports upright working posture, reducing fatigue and discomfort to arms, shoulders and back
- Easy-to-clean vinyl construction offers durable work surface
- Clean room safe materials allow Wedge-Ease® ESD to exceed Class 10 Clean Room Specifications in accordance with Mil Std 1246C and Fed Std 209E
- Anti-slip base provides secure support that will not slide on bench
- Elevates arms to proper heights in relationship to neck and shoulders to help prevent musculoskeletal fatigue of the arms, shoulders, neck and back
- Static dissipative and certified safe for use around ESD sensitive components and assemblies

**On the cover:** The photograph at left shows a Wedge-Ease® ESD model **R1SD** being used in a soldering application. The photograph at right shows the model **W3SD** support pad being used in a cleanroom environment during tedious and demanding catheter inspection under a lighted microscope.

## Limitless Ergonomic Applications for Wedge-Ease® ESD Products



### ← Assembly, Rework & Inspection

Worker applies torque to screws in a cell phone while supporting her arms on Wedge-Ease® ESD model **W3SD**. The 3" wedge design allows the user's wrists to remain at the optimum position for applying torque to the fasteners in the assembly.

The **W3SD** also keeps the product within the defined focal area of the optical inspection system, so when the viewer is swung into place the worker can easily hold the object steady without fatigue.

### Home, Office & Administrative →

Office worker uses Wedge-Ease® model **R1** as a wrist rest to keep her wrists in neutral position while typing. The Wedge-Ease® model **M1** is optimal for mouse or 10-key use.

Other suitable applications include elbow rests, edge-padding, arm support for art or calligraphy, and non-ESD sensitive inspection or assembly operations.

*Note: Non-ESD Wedge-Ease® models are not suitable for electronics assembly.*



### ← Jewelry, Arts & Crafts

Artist forms loop on sterling silver chain using Lindstrom Rx7590 pliers under a light ring magnifier. The Wedge-Ease® ESD model **W2SD** prevents her arms from resting on the hard edge of the workbench. Her hands maintain a proper wrist posture, allowing precise and consistent actions and reducing pressure on her forearms and shoulders.

Model **W2SD** is valuable when using a jeweler's loupe or inspecting pieces under strong magnification. The user's arm is steady and able to hold objects very still with less fatigue.



P/N	Description
W3SD	Static dissipative 3" wedge, ergonomic armrest
W2SD	Static dissipative 2" wedge, ergonomic armrest
R1SD	Static dissipative 1" level ergonomic armrest
M1SD	Static dissipative "Mini" level ergonomic armrest



**W3SD**



**W2SD**



**R1SD**



**M1SD**

**Wedge-Ease® ESD** products are available in four sizes and meet a variety of ergonomic needs\* in assembly and inspection environments. Wedge-Ease® ESD are static dissipative and independently certified to exceed Class 10 clean room standards, Mil Std 1246C and Fed Std 209E.

**M1SD** – the “Mini” ergonomic support pad is ideal for elbow support in a variety of applications and as edge-padding or wrist support for mouse use. The M1SD is great for stacking too.

**R1SD** – the regular ergonomic rest supplies full arm support and is excellent for work performed close to a benchtop or as edge-pad wrist support during keyboard or 10-key use and is stackable.

**W2SD** – the 2” wedge-shaped ergonomic pad provides arm support for applications that require a slight angle such as microscope or lighted magnification-based inspection, and soldering or fine, precise assembly, and can be stacked on the R1SD.

**W3SD** – the 3” wedge-shaped ergonomic rest offers arm support for applications that require a steeper angle such as fixed microscopes and magnification equipment that necessitate keeping work within a fixed focal range, soldering or fine, precise assembly.

\* Non-ESD versions of Wedge-Ease® are available for approved applications. Ask your Lindstrom representative for more information or visit our Web site at [www.lindstromtools.com](http://www.lindstromtools.com) to explore our complete line of high quality ergonomic handtools.