UV-CLEAN Self-Disinfecting KUV Keyboard Tray

- **PREVENTS** the spread of Healthcare Associated Infections (HAIs) and kills up to 99.9% of contagious pathogens.
- **PROMOTES** a healthy environment for both staff and patients.
- **INTELLIGENT** no-touch self-disinfecting system uses an automated cleaning cycle and its sensor detects motion for safe operation.
- **COVERTLY MOUNTS** beneath service tray and uses small dose of UV-C light to disinfect keyboard and keyboard tray.
- **UV LIGHT EFFECTIVELY** breaks down infectious pathogens across the entire length of 19" ICW keyboard tray.
- **CHEMICAL-FREE** disinfecting technology is second line of defense against the spread of infectious microorganisms.
- **NON-CHEMICAL** approach to disinfection. Ultraviolet disinfection makes UV-CLEAN a simple low-maintenance and powerful solution.
- **CONVERSION KITS** for existing ICW keyboards available.

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**Healthcare Associated Infections (HAIs) Impact Patient Health & Safety**

| 1 out of 31 patients develop a HAI | 1.7 MILLION HAIs occur in U.S. hospitals each year | 80% of pathogens are transferred by touch | 98,987 deaths per year are caused by HAIs | $15,275 is the average additional hospital cost per HAI contracted patient |


For more information, contact your ICW representative or talk to one of our customer service representatives at 1-800-558-4435.
Clinical study demonstrated efficacy of UV-CLEAN self-disinfection device.

Study involving 52 computer workstations, including mobile computing carts and wall mounted workstations, proved automated UVC disinfection is effective at eliminating harmful pathogens and is the ideal complement to existing disinfection and hand hygiene protocols.

**Clinical Study Results**

A variety of bacteria was isolated on the mobile computing carts and wall mounted computer workstations as shown in Figure 2. After installation of the UV-CLEAN unit, all samples came back negative for growth on all surfaces swabbed indicating a 100% reduction in keyboard bio burden as shown in Figure 3.

### PRE-DISINFECTION KEYBOARD ANALYSIS

<table>
<thead>
<tr>
<th>Bacteria Isolated</th>
<th>Percent of Keyboards Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacillus spp.</td>
<td>40.4%</td>
</tr>
<tr>
<td>Staphylococcus spp.</td>
<td>30.8%</td>
</tr>
<tr>
<td>Enterococcus spp. Non-VRE</td>
<td>3.8%</td>
</tr>
<tr>
<td>Enterococcus spp. VRE</td>
<td>1.9%</td>
</tr>
<tr>
<td>Diphtheroid spp.</td>
<td>1.9%</td>
</tr>
</tbody>
</table>

Fig 2: Percent of keyboards after initial culturing positive for various bacteria isolates.

### POST-DISINFECTION KEYBOARD ANALYSIS

<table>
<thead>
<tr>
<th>Bacteria Isolated</th>
<th>Percent of Keyboards Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerobic Bacteria</td>
<td>0%</td>
</tr>
<tr>
<td>Anaerobic Bacteria</td>
<td>0%</td>
</tr>
<tr>
<td>Methicillin-resistant</td>
<td>0%</td>
</tr>
<tr>
<td>Staphylococcus aureus (MRSA) Screening</td>
<td>0%</td>
</tr>
<tr>
<td>Vancomycin-resistant</td>
<td>0%</td>
</tr>
<tr>
<td>Enterococci (VRE) Screening</td>
<td>0%</td>
</tr>
</tbody>
</table>

Fig 3: Percent of keyboards after post disinfection culturing positive for various bacteria isolates.

### KUV Keyboard Range of Motion and Dimension Drawings

- **10" (25.4 cm)**
  - Keyboard tray retracted
  - 13" (33 cm) swivel
- **17.5" (44.5 cm)**
  - Keyboard tray extended
  - 90° swivel
  - Work surface and keyboard flip up 90°
- **5" (12.7 cm)**
  - Work surface and keyboard tray stowed
- **10" (25.4 cm)**
  - Keyboard tray retracted
  - 13.5" (34.5 cm) height
  - 11.5" (29 cm) depth
  - 7" (18 cm) width

### UV-CLEAN Light Coverage Area

- **Coverage Area**
  - Side View
  - Top View
- **UV-CLEAN Rotational Adjustment for Tilt**
  - 0°
  - 15° Max.

Available in these 5 standard colors and 9 custom colors.

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