LeadWear® Disposable Product Specifications Sheet

Helps reduce the risk of infections in your hospital with LifeSync® LeadWear® Disposable.

When used as part of a comprehensive infection-prevention program, the LifeSync® ECG System can help reduce the risk of hospital acquired infections by eliminating one of the last reusable items in critical care: ECG lead wires.

In a study conducted at the University of Wisconsin, 77% of reusable ECG lead wires were found to be contaminated with one or more drug-resistant pathogens—after they had been cleaned and readied for attachment on a new patient.¹

LifeSync® LeadWear® Disposable replaces conventional reusable ECG leads with a single-patient use solution that can not only help reduce the risk of infections, but also significantly reduces artifact and noise common to traditional ECG lead wires.

Less visibility

The LifeSync® LeadWear® Disposable is the first radiolucent single-patient use ECG lead appropriate for use in high acuity settings. No need to constantly change lead wires for x-rays. Unobstructed images eliminates the need to constantly manage lead wires, which saves valuable room time.
# LeadWear® Disposable Cable Replacement System Product Specifications Sheet

## Parameter | Specification
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### ECG Specifications
- **Number of channels, single ended WRT RL**
  - Continuous Monitoring 3/5 Lead Mode: 4
  - Diagnostic ECG 12 Lead Mode: 9
- **Channels Active**
  - Continuous Monitoring 3/5 Lead Mode: LL, LA, RA, V
  - Diagnostic ECG 12 Lead Mode: LL, LA, RA, V1, V2, V3, V4, V5, V6

### Respiration Specifications
- **Sensing Electrodes**
  - RA - LA in Patient Transceiver (LS-111)
  - RA - LL in Patient Transceiver (LS-401)

### Defibrillation
- **Patient Applied Parts Type**: Defib Proof Type CF per EN 60601-1
- **Defibrillation Proof**: Withstands 400 J per IEC 60601-2-27
- **Recovery Time After Defibrillation Exposure**: 5 s maximum

### Environmental Conditions
- **Operating Temperature**: 0 to +45 °C
- **Storage Temperature**: -20 to +60 °C
- **Shelf Life**: 2 Years

### Material Specifications
- **LeadWear® Disposable**: Disposable single patient use; radiolucent
- **Material**: Dupont™ Softese, splash resistant, breathable, meets CPSC CFR Part 1610

### Agency Compliances
- **LeadWear® Disposable**: ANSI/AAMI standard ECG Cables and lead wires (ABSI/AAMI EC53-1995)
- **Safety, System**: EN 60601-1, IEC 60601-2-27, UL 60601-1, CSA 22.2 No. 601.1, CSA 22.2 No. 601.2.27
- **EMC, System**: EN 60601-1-2:2001

### Size Specifications
<table>
<thead>
<tr>
<th>Size</th>
<th>RA-LA</th>
<th>LA-LL</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>11.5-25&quot;</td>
<td>14-16&quot;</td>
</tr>
<tr>
<td>9</td>
<td>13.3-31&quot;</td>
<td>19-21&quot;</td>
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</tbody>
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### Product Description
- **3/5 LeadWear® Disposable**
  - BLUE Connector
  - For continuous 3-lead or 5-lead ECG monitoring
- **Precordial LeadWear® Disposable**
  - GREEN Connector
  - Used in combinations with the 3/5 LeadWear® Disposable for 12-lead ECG

### LeadWear® Disposables Are Packaged in 3 Forms:
- **3/5 Lead**: One 3/5 LeadWear® Disposable
- **12 Lead**: One 3/5 LeadWear® Disposable and one Precordial LeadWear® Disposable
- **Precordial**: One Precordial LeadWear® Disposable

### Part # | Size | Description | Package Contents
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LS-206 | Size 9 | 12 Lead Stress Test Only | 1 - 3/5 Lead LeadWear® Disposable V1.1, 1 - Precordial LeadWear® Disposable V1.0
LS-208A | Size 7 | 12 Lead | 1 - 3/5 Lead LeadWear® Disposable V2.0, 1 - Precordial LeadWear® Disposable V2.0
LS-228 | Size 7 | 3/5 Lead | 1 - 3/5 LeadWear® Disposable V2.0
*LS-229 | Size 9 | 3/5 Lead | 1 - 3/5 LeadWear® Disposable V2.0
LS-238A | Size 7 | Precordial | 1 - Precordial LeadWear® Disposable V2.0


*No WTO GPA approved version available*