

Welch Allyn® ECG Monitoring Electrodes

ELECTRODE DETAILS

| Electrode Style | Adult, Foam, Single-Use Electrode |
|-----------------|---|
| Reference | 108070 |
| Adhesive Type | Wet Gel |
| Quantity | 10 Electrodes/Pouch (300 Electrodes/Case) |
| Application | General Patient Monitoring (for 72 Hours) |
| Shelf Life | 18 Months (in Accordance with Storage Guidelines) |

TECHNICAL SPECIFICATIONS

| Shape | Teardrop |
|--|---|
| Size (Excluding Grip) | 1.5 in (38.1 mm) |
| Sensor Diameter (Eyelet) | 0.42 in (10.592 mm) |
| Substrate Thickness (Adapter Excluded) | 0.063 in (1.588 mm) |
| Total Product Surface Area | 1.7972 in ² (45.649 mm ²) |
| Gel Area | 0.3068 in ² (7.7927 mm ²) |
| Adhesive Area | 1.4904 in ² (37.8562 mm ²) |
| Integrated Lead Wire (Length/Color) | N/A |

MATERIALS

| Substrate Material | Polyethelen Foam |
|--------------------------------|----------------------------------|
| Adhesive | Acrylic, Medical Grade |
| Gel Type | Conductive Wet Gel (7% Chloride) |
| Foam (Sponge) Material | Polyurethane Reticulated Foam |
| Release Liner | PS |
| Sensor Polymer | Ag/AgCI Plated ABS |
| Adaptor/Connector (Stud) | Stainless Steel |
| Integrated Lead Wire Jacketing | N/A III HIIIrom III |
| Integrated Lead Wire Cord | N/A m |
| | ultom |

BIOCOMPATIBILITY

| ISO 10993 | Passed |
|------------------------------------|--------|
| Not Made with Natural Rubber Latex | Yes |

ELECTRICAL PERFORMANCE (ANSI/AAMI EC 12)

| ACZ impedance @10 Hz (Before Defib Simulation) | 20 – 50 Ohm |
|---|-----------------|
| DC Offset Voltage (Before Defib Simulation) | -2.0 – 2.0 mV |
| SDR Slope @ 30 Sec Int. (Remaining Potential After Defib) | 0.01 - 0 mV/sec |
| ACZ impedance repeat (After Defib Simulation) | 25 Ohm |
| Combined Offset Instability and Inner Noise (COIIN) | 20 – 50 μV |
| Bias Current Tolerance (DC Offset Voltage After DC Loading) | < 1.0 mV |

FEATURES

| MR Conditional | No |
|--------------------|----|
| X-Ray Translucence | No |
| Integrated Abrader | No |
| Repositionability | No |

PACKAGING

| Product Packaging Material | Paper/PE/Foil/PE |
|--------------------------------------|--|
| Resealable Pouch | No |
| | |
| Product Packaging Size (L x W) | 11.5 in x 3.75 in (29.21 cm x 9.525 cm) |
| Department Packaging Box (L x W x H) | N/A |
| Transport Packaging Case (L x W x H) | 12.5 in x 8 in x 6 in (31.75 cm x 20.32 cm x 15.24 cm) |

ENVIRONMENTAL

| Halogenated Hydrocarbon Content (e.g. PVC) | None |
|--|------|
| Phthalate Derivatives Content (e.g. DEHP) | None |
| RoHS Compliant | Yes |
| REACH Compliant | Yes |

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