





## Electrode Specifications

Model #C100

Adult, Conductive Poly-Adhesive Radiotransparent Electrode

Use Application(s): Defibrillation/C ardioversion/Pacing/Monitoring

Product can be configured with the Anders on, ZOLL, Physio-Control and Philips plug connectors.

### Shelf Life:

Sealed package: 36 months

### Physical Characteristics:

Conductive Area: 90.77 cm<sup>2</sup> (total 181.54 cm<sup>2</sup> pair)  
Conductive Adhesive: Hydrogel polymer-adhesive, non-irritating, bio-compatible, Hydrophilic, low impedance, latex free  
Bonded wire/electrode contact: 10 lb. minimum  
Bonded leadwire strength: 20 lb  
Bonded leadwire length: 63"  
Color coded locking connector: 600 Operating Voltage 15 Amp.

### Electrical Performance Characteristics:

Meet and or exceed ANSI/AAMI DF-80 and DF-2 standard, self adhesive electrodes for monitoring and defibrillation, prior to pacing.

	<u>Heart Sync Spec</u>	<u>AAMI Spec</u>
AC small signal impedance	1.58K ohms	<2.0 K ohms
AC large signal impedance	1.56ohms	<2 ohms
Offset instability/internal noise	0 μV	<150 μV
Defibrillation overload recovery	13.06mV	<400 mV
DC offset voltage	2.48mV	<100 mV
Radiographic imaging	<u>Radiotransparent</u> = "invisible, no shadow"	

### Heart Sync Electrodes are rated for:

- 1) 50 Shocks at 360J at one minute intervals
- 2) 24 hrs. of continuous monitoring
- 3) 8 hrs. of continuous pacing



## Electrode Specifications

Model #T100

Adult, Conductive Polymer-Adhesive Radiotranslucent Electrode

Use Application(s): Defibrillation/C ardioversion/Pacing/Monitoring

Product can be configured with the Anders on, ZOLL, Physio-Control and Philips plug connectors. Product can be configured with leads-out packaging.

### Shelf Life:

Sealed package: 36 months

### Physical Characteristics:

Conductive Area: 90.77 cm<sup>2</sup> (total 181.54 cm<sup>2</sup> pair)

Conductive Adhesive: Hydrogel polymer-adhesive, non-irritating, bio-compatible, Hydrophilic, low impedance, latex free

Bonded wire/electrode contact: 10 lb. minimum

Bonded leadwire strength: 20 lb

Bonded leadwire length: 63"

Color coded locking connector: 600 Operating Voltage 15 Amp.

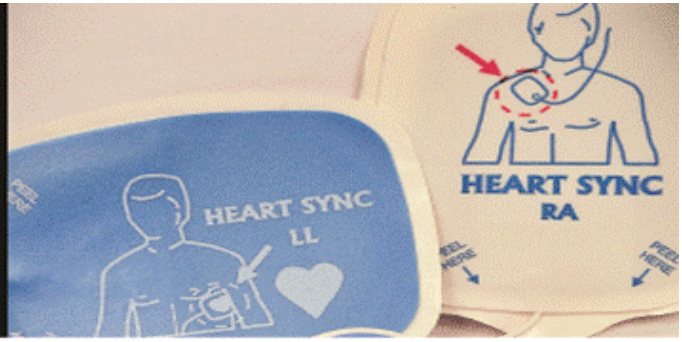
### Electrical Performance Characteristics:

Meet and or exceed ANSI/AAMI DF-80 and DF-2 standard, self adhesive electrodes for monitoring and defibrillation, prior to pacing.

	<u>Heart Sync Spec</u>	<u>AAMI Spec</u>
AC small signal impedance	.37K ohms	<2.0 K ohms
AC large signal impedance	.62 ohms	<2 ohms
Offset instability/internal noise	0 μV	<150 μV
Defibrillation overload recovery	9.28mV	<400 mV
DC offset voltage	1.63mV	<100 mV
Radiographic imaging	<u>Radiotranslucent</u> = "minor shadowing"	

### Heart Sync Electrodes are rated for:

- 1) 50 Shocks at 360J at one minute intervals
- 2) 24 hrs. of continuous monitoring
- 3) 8 hrs. of continuous pacing

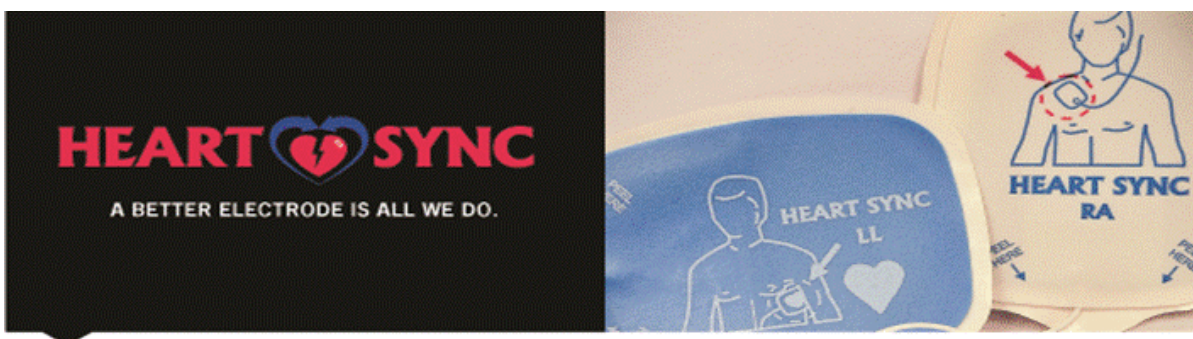


● 5643 Plymouth Road ● Ann Arbor, MI 48105 ● (800) 828-4681 Phone ● (734) 213-5640 Fax ●

## Hospital Reference List

**Albert Einstein Medical**  
**Altru Health System**  
**Bryan LGH Medical Center**  
**Brandywine Hospital**  
**Harrington Memorial**  
**Kennedy Health System**  
**Lancaster General Hospital**  
**Lehigh Valley Hospital**  
**Lower Bucks Hospital**  
**Mary Washington Hospital**  
**Medcenter One**  
**Meritcare Hospital**  
**Methodist Healthcare**  
**Multicare Health**  
**NE Georgia Medical Center**  
**Oakwood Medical Center**  
**Sanford USD Medical Center**  
**St Francis Medical Center**  
**Torrance Memorial Hospital**  
**UCSD Medical Center**  
**UMass Memorial**

**Philadelphia, PA**  
**Grand Forks, ND**  
**Lincoln, NE**  
**Coatesville, PA**  
**Southbridge, MA**  
**Cherry Hill, NJ**  
**Lancaster, PA**  
**Allentown, PA**  
**Bristol, PA**  
**Fredericksburg, VA**  
**Bismarck, ND**  
**Fargo, ND**  
**Memphis, TN**  
**Tacoma, WA**  
**Gainsville, GA**  
**Dearborn, MI**  
**Sioux Falls, SD**  
**Cape Girardeau, MO**  
**Torrance, CA**  
**San Diego, CA**  
**Worcester, MA**



## Hospital Conversion Information

Heart Sync will provide free adaptation of hospital's current hands free defibrillation and pacing units. Heart Sync will provide adapters that will be attached to the cables in such a way that they will appear permanently attached to the cables. Heat shrink tubing will be used to secure the connection. Every cable is tested, labeled and certified to be in working order after the conversion is completed.

Heart Sync's conversion team will remove all non-compatible electrodes after the conversion is done. This will help to insure that there is no confusion as to what pad works on which machine. Heart Sync will establish in-service times with each department head. Heart Sync will leave behind in-service flyers that will cover the important aspects of the product and the changes that were made.

Heart Sync will do a one for one swap-out of product during the conversion.

**After finished with the conversion, one electrode will work in every department on every brand of defibrillation and pacing equipment.**

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[www.jpc.org](http://www.jpc.org)



## HOLD HARMLESS AGREEMENT

Heart Sync will hold harmless and will indemnify:

Facility Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Heart Sync, Inc. agrees to indemnify and hold-harmless any medical personnel for any losses, claims, judgments incurred as a result of an injury caused by a Heart Sync defibrillation pad. Regardless of any model and manufacturer of the defibrillation equipment used, provided the medical personnel are not at fault and Heart Sync is notified in writing of any incident within (7) days from the occurrence. This will remain in effect as long as a Heart Sync product is/are in use.

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Stephen Shulman, Managing Partner

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# DEFIBRILLATOR COMPATIBILITY CHART



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PHILIPS MEDICAL			
<b>HEARTSTART XL</b> C100-PHILIPS T100-PHILIPS T100LO-PHILIPS PEDIATRIC-PHILIPS  <b>MRX ALS</b> C100-PHILIPS T100-PHILIPS T100LO-PHILIPS PEDIATRIC-PHILIPS	<b>HP CODEMASTER XL-w/ Plug Style End</b> C100-PHILIPS T100-PHILIPS T100LO-PHILIPS PEDIATRIC-PHILIPS	<b>XLT</b> C100-PHILIPS T100-PHILIPS T100LO-PHILIPS PEDIATRIC-PHILIPS	<b>MRX</b> C100-PHILIPS T100-PHILIPS T100LO-PHILIPS PEDIATRIC-PHILIPS
<b>PHYSIO CONTROL</b>			
<b>LP-9-w/Quik Combo Connector</b> C100-PHYSIO T100-PHYSIO T100LO-PHYSIO PEDIATRIC-PHYSIO	<b>LP-12, LP-15 &amp; LP-20</b> C100-PHYSIO T100-PHYSIO T100LO-PHYSIO PEDIATRIC-PHYSIO	<b>LP-500 &amp; LP-500 DPS</b> C100-PHYSIO T100-PHYSIO T100LO-PHYSIO	<b>LP-1000</b> C100-PHYSIO T100-PHYSIO T100LO-PHYSIO
ZOLL MEDICAL			
<b>ZOLL M-SERIES</b> C100-ZOLL T100-ZOLL T100LO-ZOLL PEDIATRIC-ZOLL	<b>ZOLL R-SERIES</b> C100-ZOLL T100-ZOLL T100LO-ZOLL PEDIATRIC-ZOLL	<b>Zoll E-SERIES</b> C100-ZOLL T100-ZOLL T100LO-ZOLL PEDIATRIC-ZOLL	<b>ZOLL AED PLUS</b> No Products Available

C100 Electrodes - Adult Radiotransparent (X-ray invisible)  
 T100 Electrodes - Adult Radiotranslucent (slight shadowing under X-ray)  
 T100LO Electrodes - Adult Radiotranslucent with Leads Out wires  
 PEDIATRIC Electrodes- Child Radiotranslucent

# Heart Sync's Multifunction Defibrillation and Pacing Pads Cross Reference

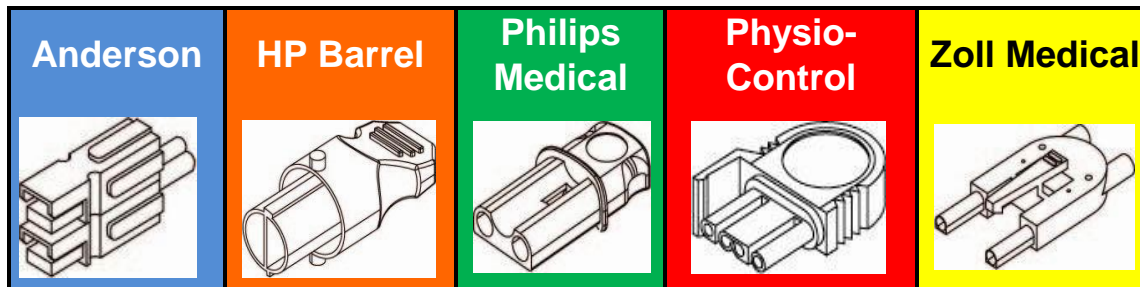


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<b>Description</b>	<b>Heart Sync</b>	ConMed	Physio Control Medtronic	Hewlett Packard Agilent / Philips	Zoll Medical	R2 / Cardiotronc KimberlyClark	Kendall / Tyco Medi-Trace
<b>Adult</b> X-ray Visible <i>(Slight Shadow)</i> Defib/Pace/Monitor	<b>T100</b>	2516	11996-000091	M3501A-Barrel M3502A-Barrel M3713A-Philips M3716A-Philips	8900-4003 8900-2303 8900-2100 8900-2055	3200-1715-R2 3111-1721-Zoll 3112-1731-Physio 3114-1741-HP	22550A-Physio
<b>Adult</b> X-ray Invisible Defib/Pace/Monitor	<b>C100</b>	2001	11996-000090	M3718A-Philips	8900-4005 8900-2105-01	3200-01-R2 3111-01-Zoll 3112-01-Physio 3114-01-HP	22770R-Zoll 22550R-Physio 22661R-HP Barrel 22660R-Philips Plug
<b>Pediatric</b> <i>(Slight Shadow)</i> Defib/Pace/Monitor	<b>Pediatric</b>	2603	11996-000093	M3503A-Barrel M3719A-Philips M3717A-Philips	8900-2065 8900-3000-01 8900-1005-01	3200-1711-R2 3111-1720-Zoll 3112-1730-Physio 3114-1740-HP	22661P-HP 22770P-Zoll 22550P-Physio
<b>Adult</b> X-ray Visible <i>(Slight Shadow)</i> Defib/Pace/Monitor With Pre-connect Lead Wire	<b>T100LO</b>	2516-PC	11996-000017	N/A	8900-4003	N/A	22770PC-Zoll 22550PC-Physio 22661PC-Barrel

**Heart Sync provides a solution for every make and model of Defibrillator/Pacing\* machine.**

**We have direct configurations for:**



\*Pediatric Pads are not designed for AED (Automatic External Defibrillator) Machines.

\*Adult Pads with AED Machines varies by Manufacturer. Please call to confirm compatibility.