

Declaration of Conformity

According to the Medical Devices Directive 93/42/EEC

Holder: Kveina Technology Group Limited

Address: 4/F, Building A, Zhongcheng Industrial Zone, Industry East, Load, Longhua

Town, Shenzhen, Guangdong, China.

Manufacturer Name: Kveina Technology Group Limited

Manufacturer Address: 4/F, Building A, Zhongcheng Industrial Zone, Industry East, Load, Longhua

Town, Shenzhen, Guangdong, China.

Authorized representative: CKMedical International

Laan van cattenbroeck 10, Zeist, The Netherlands, postcode 3703BM.

Product Name: ECG electrode

MDD-Classification: Class I

Product Part Number: As Appendix IX

Person responsible for making this declaration:

Name : Jerry Liu

Position/Title: Sales Manager

We Hereby Declares that the Medical device as indicated above conforms with the essential requirement listed in the Annex V of the European Medical Device Directive 93/42/EEC.



Jan. 7th. 2013
Date of issue


signature

The signature is a handwritten signature in black ink over a horizontal line. To the right of the signature is a circular blue stamp with the text 'KVEINA TECHNOLOGY GROUP LIMITED' around the perimeter and Chinese characters in the center.

Declaration of Conformity

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Holder: Kveina Technology Group Limited

Address: 4/F, Building A, Zhongcheng Industrial Zone, Industry East, Load, Longhua

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Town, Shenzhen, Guangdong, China.

Authorized representative: CKMedical International

Laan van cattenbroeck 10, Zeist ,The Netherlands, postcode 3703BM.

Product Name: ECG cable, Spo2 adapter cable, IBP cable

MDD-Classification: Class I

Product Part Number: As Appendix II

Person responsible for making this declaration:

Name : Jerry Liu

Position/Title: Sales Manager

We Hereby Declares that the Medical device as indicated above conforms with the essential requirement listed in the Annex V of the European Medical Device Directive 93/42/EEC.



Jan. 7th. 2013
Date of issue


signature

The signature is a handwritten signature in black ink. To its right is a blue circular stamp with the text 'TECHNOLOGY GROUP LIMITED' around the top edge and '凱維納 科技集團 有限公司' in the center.

EC-Declaration of Conformity



Document number: EC-OCNFL-100315 1/4
Manufacturer or representative: OSRAM China Lighting Co. Ltd
Address: No.1 North Industrial Road FoShan, GuangDong, P.R.China
Brand name or trade mark: OSRAM
Product type: Double-capped fluorescent lamp
Product designation:
 See attached list

The designated product(s) is (are) in conformity with the provisions of the following European Directives.

- | | | |
|-------------------------------------|--------------------------------------|--|
| <input checked="" type="checkbox"/> | 2006/95/EC
and amendments | Directive of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits |
| <input type="checkbox"/> | 2004/108/EC
and amendments | Directive of the European Parliament and of the Council of 15 September 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility |
| <input type="checkbox"/> | 2000/55/EC
and amendments | Directive of the European Parliament and of the Council of 18 September 2000 on energy efficiency requirements for ballasts for fluorescent lighting

(to be repealed by 13 April 2010) |
| <input checked="" type="checkbox"/> | 2009/125/EC
and amendments | Directive of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products |
| <input type="checkbox"/> | 244/2009
and amendments | Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps |
| <input checked="" type="checkbox"/> | 245/2009
and amendments | Commission Regulation (EC) implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps ... |

Further information regarding compliance with these Directives is given in the annex which constitutes a part of this declaration.

Last two digits of the year in which the CE marking was affixed:

Place and date of signatures:

Signatures:

Plant Manager
Manager

Product

Quality Manager

Names and contact addresses:

This declaration certifies compliance with the indicated Directives, but implies no warranty of properties.

EC-Declaration of Conformity

Annex

Document number: 2010/01 FS

The conformity of the designated product(s) with the provisions of the European Directive **2006/95/EC** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- | | | |
|-------------------------------------|--|---|
| <input type="checkbox"/> | EN 60155:
1995 + A1:1995 +
A2:2007 | Glow-starters for fluorescent lamps |
| <input type="checkbox"/> | EN 60432-1:
2000 + A1:2005 | Incandescent lamps — Safety specifications — Part 1: Tungsten filament lamps for domestic and similar general lighting purposes |
| <input type="checkbox"/> | EN 60432-2:
2000 + A1:2005 | Incandescent lamps — Safety specifications — Part 2: Tungsten filament lamps for domestic and similar general lighting purposes |
| <input type="checkbox"/> | EN 60432-3:
2003 + A1:2005 +
A2:2008 | Incandescent lamps — Safety specifications — Part 3: Tungsten halogen lamps (non-vehicle) |
| <input type="checkbox"/> | EN 60598-1:
2008 | Luminaires — Part 1: General requirements and tests |
| <input type="checkbox"/> | EN 60598-2-1:
1989 | Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires |
| <input type="checkbox"/> | EN 60598-2-2:
1996 + A1:1997 | Luminaires — Part 2-2: Particular requirements — Recessed luminaires |
| <input type="checkbox"/> | EN 60598-2-4:
1997 | Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires |
| <input type="checkbox"/> | EN 60598-2-5:
1998 | Luminaires — Part 2-5: Particular requirements — Floodlights |
| <input type="checkbox"/> | EN 60598-2-6:
1994 + A1:1997 | Luminaires — Part 2-6: Particular requirements — Luminaires with built-in transformers for filament lamps |
| <input type="checkbox"/> | EN 60598-2-7:
1989 + A2:1996 +
A13:1997 | Luminaires — Part 2-7: Particular requirements — Portable luminaires for garden use |
| <input type="checkbox"/> | EN 60598-2-8:
1997+ A1:2000 +
A2:2008 | Luminaires — Part 2-8 : Particular requirements — Handlamps |
| <input type="checkbox"/> | EN 60598-2-10:
2003 | Luminaires — Part 2-10: Particular requirements — Portable luminaires for children |
| <input type="checkbox"/> | EN 60598-2-13:
2006 | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires |
| <input type="checkbox"/> | EN 60598-2-20:
1997 + A1:1998 +
A2:2004 | Luminaires — Part 2: Particular requirements — Lighting chains |
| <input type="checkbox"/> | EN 60968:
1990 + A1:1993 +
A2:1999 | Self-ballasted lamps for general lighting services — Safety requirements |
| <input checked="" type="checkbox"/> | EN 61195:
1999 | Double-capped fluorescent lamps — Safety specifications |
| <input type="checkbox"/> | EN 61199:
1999 | Single-capped fluorescent lamps — Safety specifications |
| <input type="checkbox"/> | EN 61347-1:
2008 | Lamp controlgear — Part 1: General and safety requirements |
| <input type="checkbox"/> | EN 61347-2-2:
2001 + A1:2006 +
A2:2006 | Lamp controlgear — Part 2-2: Particular requirements for d. c. or a. c. supplied electronic step-down converters for filament lamps |

- | | | |
|-------------------------------------|---|---|
| <input type="checkbox"/> | EN 61347-2-3:
2001+A1:2004 +
A2:2006 | Lamp controlgear — Part 2-3: Particular requirements for a. c. supplied electronic ballasts for fluorescent lamps |
| <input type="checkbox"/> | EN 61347-2-12:
2005 | Lamp controlgear — Part 2-12: Particular requirements for d. c. or a. c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps) |
| <input type="checkbox"/> | EN 61347-2-13:
2007 | Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules |
| <input type="checkbox"/> | EN 61549:
2003 + A1:2005 | Miscellaneous lamps |
| <input type="checkbox"/> | EN 62031:
2008 | LED modules for general lighting — Safety specifications |
| <input type="checkbox"/> | EN 62035:
2000 + A1:2003 | Discharge lamps (excluding fluorescent lamps) — Safety specifications |
| <input type="checkbox"/> | EN 62471:
2008 | Photobiological safety of lamps and lamp systems

NOTE: This is a horizontal standard. It is not applicable where photobiological safety is covered by product standards. |
| <input type="checkbox"/> | EN 62560:
XXXX | Self-ballasted LED-lamps for general lighting services by voltage > 50 V — Safety specifications |
| <input checked="" type="checkbox"/> | IEC 60081:

1997+A1:2000+A2:2003+A3:2005 | Double-capped fluorescent lamps - Performance specifications |
| <input type="checkbox"/> | | |

The conformity of the designated product(s) with the provisions of the European Directive **2004/108/EC** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- | | | |
|--------------------------|---|--|
| <input type="checkbox"/> | EN 55015:
2006 + A1:2007
+ A2:2009 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| <input type="checkbox"/> | EN 61000-3-2:
2006 | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) |
| <input type="checkbox"/> | EN 61000-3-3:
1995 + A1:2001
+ A2:2005 | Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subjected to conditional connection |
| <input type="checkbox"/> | EN 61547:
1995 + A1:2000 | Equipment for general lighting purposes — EMC immunity requirements |
| <input type="checkbox"/> | | |

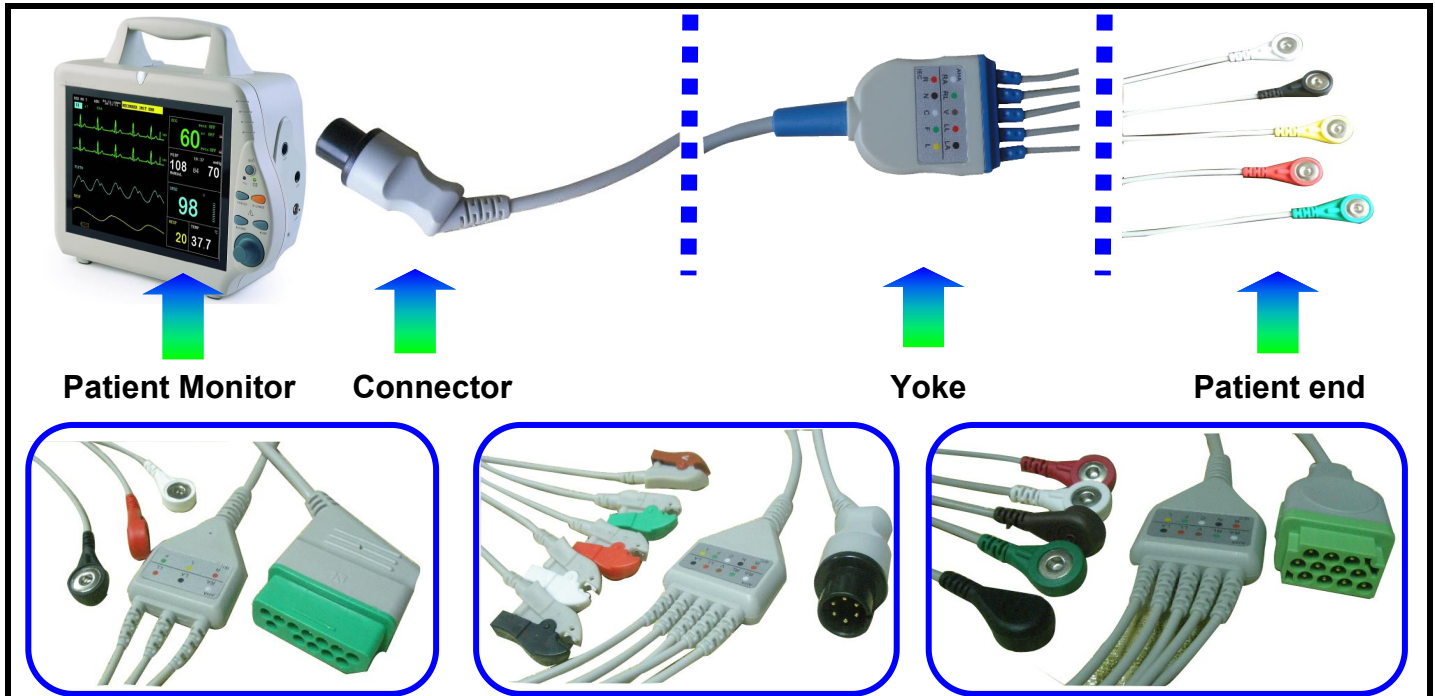
The conformity of the designated product(s) with the provisions of the European Directive **2000/55/EC** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | EN 50294:
1998 | Measurement method of total input power of ballast-lamp circuits |
|--------------------------|--------------------------|--|

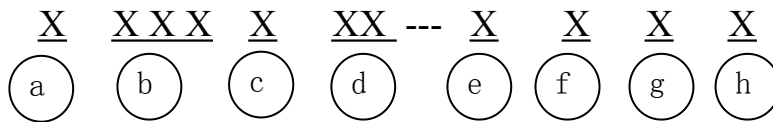
**EC-Declaration of Conformity
Attached list**

Document number: EC-OCNFL-100315

A61924700DC	HNS 15W G13 20X1	OSRAM
A61926100DC	HNS 30W G13 10X1	OSRAM



Teveik Part Number Code Rule:



a. — Product Line Code

4- Indicates Patient Monitor ECG Cable

5- Indicates EKG Cable

b. — Brand Code

For Example: 153-Indicates Nellcor

164-Indicates Philips

c. — Difference Code For Different Machine Model From Same Brand

With Letter: A; B; C...

d. — Yoke Code

For Example: 01; 02; 03; 04; 05 etc.

e. — Leadwire Quantity

3-Indicates 3 leads 5-Indicates 5leads A-Indicates 10 leads

f. — Patient End Code

S- snap B- Banana 4.0 D- DIN 3.0 C- clip N- without patient end

g. — Standard Code (refer to next page)

A-AHA (AAMI)

I- IEC

H- Alternate AHA

K- Alternate IEC

U- AHA and IEC


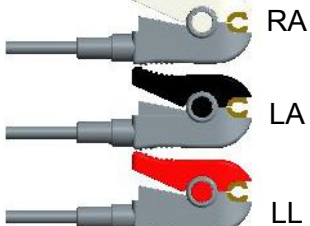
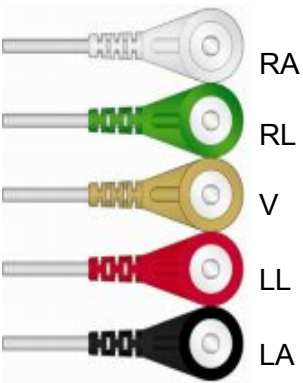
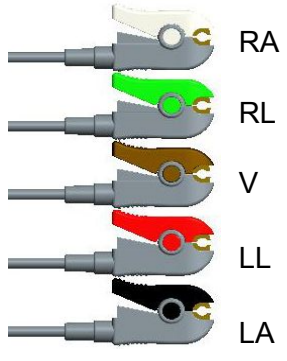

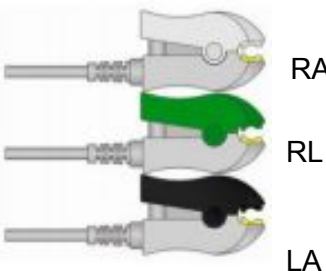
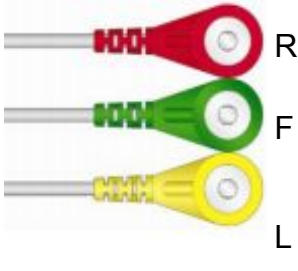
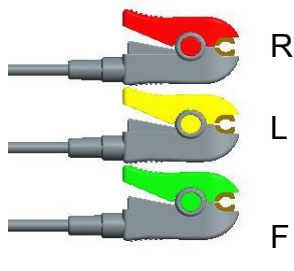
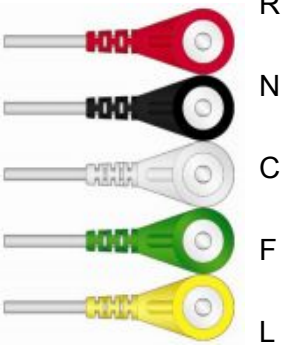
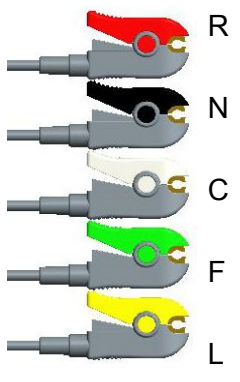

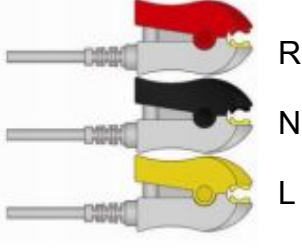
h. — Difference Code





With Letter: A; B; C...






For example:






4121A01-3SAA: Kontron One piece 3 leads ECG cable with snap,AHA








Standard	3 leads snap	3 leads clip	5 leads snap	5 leads clip
AHA (AAMI)	 <p>RA LL LA</p> <p>white,red,black</p>	 <p>RA LA LL</p> <p>white,red,black</p>	 <p>RA RL V LL LA</p> <p>white,green,brown,red,black</p>	 <p>RA RL V LL LA</p> <p>white,green,brown,red,black</p>
Alternate AHA(AAMI)	 <p>RA RL LA</p> <p>white,green,black</p>	 <p>RA RL LA</p> <p>white,green,black</p>		
Standard IEC	 <p>R F L</p> <p>red,green,yellow</p>	 <p>R L F</p> <p>red,green,yellow</p>	 <p>R N C F L</p> <p>red,black,white,green,yellow</p>	 <p>R N C F L</p> <p>red,black,white,green,yellow</p>
Alternate IEC	 <p>R N L</p> <p>red,black,yellow</p>	 <p>R N L</p> <p>red,black,yellow</p>		








Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Mindray BCI Colin CSI Goldway IVY MDE Nellcor Nihon Kohden (NK) Pace-Tech Piliphs/HP Burdick Vitatek Zoll	Penlon	 Round 6pin		4147A01-3SAA	3 leads Snap AHA
				4147A01-3SIA	3 leads Snap IEC
				4147A01-3CAA	3 leads Clip AHA
				4147A01-3CIA	3 leads Clip IEC
				4147A01-5SAA	5 leads Snap AHA
				4147A01-5SIA	5 leads Snap IEC
				4147A01-5CAA	5 leads Clip AHA
				4147A01-5CIA	5 leads Clip IEC
				4147A01-3SAB	3 leads Snap AHA 1K ohm
				4147A01-3SIB	3 leads Snap IEC 1K ohm
				4147A01-3CAB	3 leads Clip AHA 1K ohm
				4147A01-3CIB	3 leads Clip IEC 1K ohm
				4147A01-5SAB	5 leads Snap AHA 1K ohm
				4147A01-5SIB	5 leads Snap IEC 1K ohm
	4147A01-5CAB	5 leads Clip AHA 1K ohm			
	4147A01-5CIB	5 leads Clip IEC 1K ohm			
Artema	8000 System, Diascope1,2, Neoscope, DM S700, defibrillator, Diascope-NT, Athena Systems, Cardio-Aid, DS Traveller, DSNT, DS1, DS2, MCX/LS	 Round 10pin		4017A01-3SAA	3 leads Snap AHA
				4017A01-3SIA	3 leads Snap IEC
				4017A01-3CAA	3 leads Clip AHA
				4017A01-3CIA	3 leads Clip IEC
				4017A01-5SAA	5 leads Snap AHA
				4017A01-5SIA	5 leads Snap IEC
				4017A01-5CAA	5 leads Clip AHA
				4017A01-5CIA	5 leads Clip IEC
Biolight	A8,A6 etc.	 Round 12pin (1.0)		4032A01-3SAA	3 leads Snap AHA 1K ohm
				4032A01-3SIA	3 leads Snap IEC 1K ohm
				4032A01-3CAA	3 leads Clip AHA 1K ohm
				4032A01-3CIA	3 leads Clip IEC 1K ohm
				4032A01-5SAA	5 leads Snap AHA 1K ohm
				4032A01-5SIA	5 leads Snap IEC 1K ohm
				4032A01-5CAA	5 leads Clip AHA 1K ohm
				4032A01-5CIA	5 leads Clip IEC 1K ohm
Biolight	M7000, M9500 etc.	 Round 12pin (1.5)		4032B01-3SAA	3 leads Snap AHA 1K ohm
				4032B01-3SIA	3 leads Snap IEC 1K ohm
				4032B01-3CAA	3 leads Clip AHA 1K ohm
				4032B01-3CIA	3 leads Clip IEC 1K ohm
				4032B01-5SAA	5 leads Snap AHA 1K ohm
				4032B01-5SIA	5 leads Snap IEC 1K ohm
				4032B01-5CAA	5 leads Clip AHA 1K ohm
				4032B01-5CIA	5 leads Clip IEC 1K ohm






Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Bionet	BM3	 Round 8pin		4034A01-3SAA	3 leads Snap AHA 1K ohm
				4034A01-3SIA	3 leads Snap IEC 1K ohm
				4034A01-3CAA	3 leads Clip AHA 1K ohm
				4034A01-3CIA	3 leads Clip IEC 1K ohm
				4034A01-5SAA	5 leads Snap AHA 1K ohm
				4034A01-5SIA	5 leads Snap IEC 1K ohm
				4034A01-5CAA	5 leads Clip AHA 1K ohm
				4034A01-5CIA	5 leads Clip IEC 1K ohm
Bionet	BM5	 12pin		4034B01-3SAA	3 leads Snap AHA 1K ohm
				4034B01-3SIA	3 leads Snap IEC 1K ohm
				4034B01-3CAA	3 leads Clip AHA 1K ohm
				4034B01-3CIA	3 leads Clip IEC 1K ohm
				4034B01-5SAA	5 leads Snap AHA 1K ohm
				4034B01-5SIA	5 leads Snap IEC 1K ohm
				4034B01-5CAA	5 leads Clip AHA 1K ohm
				4034B01-5CIA	5 leads Clip IEC 1K ohm
Biosys	BPM-103	 Redel 6pin		4035A01-3SAA	3 leads Snap AHA 1K ohm
				4035A01-3SIA	3 leads Snap IEC 1K ohm
				4035A01-3CAA	3 leads Clip AHA 1K ohm
				4035A01-3CIA	3 leads Clip IEC 1K ohm
				4035A01-5SAA	5 leads Snap AHA 1K ohm
				4035A01-5SIA	5 leads Snap IEC 1K ohm
				4035A01-5CAA	5 leads Clip AHA 1K ohm
				4035A01-5CIA	5 leads Clip IEC 1K ohm
Bruker	SM784,SM785	 Round 12pin		4043A01-3SAA	3 leads Snap AHA
				4043A01-3SIA	3 leads Snap IEC
				4043A01-3CAA	3 leads Clip AHA
				4043A01-3CIA	3 leads Clip IEC
				4043A01-4SAA	4 leads Snap AHA
				4043A01-4SIA	4 leads Snap IEC
				4043A01-4CAA	4 leads Clip AHA
				4043A01-4CIA	4 leads Clip IEC
Creative	Creative:PC9000S,PC9000,U P6000, Biolight: M12	 Redel 6pin		4059A01-3SAA	3 leads Snap AHA
				4059A01-3SIA	3 leads Snap IEC
				4059A01-3CAA	3 leads Clip AHA
				4059A01-3CIA	3 leads Clip IEC
				4059A01-5SAA	5 leads Snap AHA
				4059A01-5SIA	5 leads Snap IEC
				4059A01-5CAA	5 leads Clip AHA
				4059A01-5CIA	5 leads Clip IEC





Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Datex	Cardiicap 1,Cardiicap 2,Cardiicap5,Light Monitor,Satliteplus、AX/3、CS/3、S/5	 Round 10pin		4066A01-3SAA	3 leads Snap AHA
				4066A01-3SIA	3 leads Snap IEC
				4066A01-3CAA	3 leads Clip AHA
				4066A01-3CIA	3 leads Clip IEC
				4066A01-5SAA	5 leads Snap AHA
				4066A01-5SIA	5 leads Snap IEC
				4066A01-5CAA	5 leads Clip AHA
				4066A01-5CIA	5 leads Clip IEC
FUKUDA DENSHI	DS-7001	 Round 12pin		4088A01-3SAA	3 leads Snap AHA
				4088A01-3SIA	3 leads Snap IEC
				4088A01-3CAA	3 leads Clip AHA
				4088A01-3CIA	3 leads Clip IEC
				4088A01-5SAA	5 leads Snap AHA
				4088A01-5SIA	5 leads Snap IEC
				4088A01-5CAA	5 leads Clip AHA
				4088A01-5CIA	5 leads Clip IEC
FUKUDA DENSHI	DS-7100 DS-7200	 Round 12pin		4088B01-3SAA	3 leads Snap AHA
				4088B01-3SIA	3 leads Snap IEC
				4088B01-3CAA	3 leads Clip AHA
				4088B01-3CIA	3 leads Clip IEC
				4088B01-5SAA	5 leads Snap AHA
				4088B01-5SIA	5 leads Snap IEC
				4088B01-5CAA	5 leads Clip AHA
				4088B01-5CIA	5 leads Clip IEC
GE Marquette	Marquette: Dash 4000,Dash 3000 Dash 2000,Dash1000, Solar9500,Solar8000, Solar3000,Tram100, Tram200,Tram300, Tram400,Tram500, Tram600,Tram800, Eagle 1000,3000,4000	 11 pin		4091A01-3SAA	3 leads Snap AHA
				4091A01-3SIA	3 leads Snap IEC
				4091A01-3CAA	3 leads Clip AHA
				4091A01-3CIA	3 leads Clip IEC
				4091A01-5SAA	5 leads Snap AHA
				4091A01-5SIA	5 leads Snap IEC
				4091A01-5CAA	5 leads Clip AHA
				4091A01-5CIA	5 leads Clip IEC
Hellige	Servomed 4,Generation,SCP851,SCP852,SCP844,SCS804,CardioServ,VICOM-sm	 Round 10pin		4098A01-3SAA	3 leads Snap AHA
				4098A01-3SIA	3 leads Snap IEC
				4098A01-3CAA	3 leads Clip AHA
				4098A01-3CIA	3 leads Clip IEC
				4098A01-5SAA	5 leads Snap AHA
				4098A01-5SIA	5 leads Snap IEC
				4098A01-5CAA	5 leads Clip AHA
				4098A01-5CIA	5 leads Clip IEC




Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Kontron	7000,7135,7135B,7141,7210,7250,7251,K2000,KAAT, Kolormon,Micromon Minimon,Supermon Vitalmon	 Round 12pin		4121A01-3SAA	3 leads Snap AHA
				4121A01-3SIA	3 leads Snap IEC
				4121A01-3CAA	3 leads Clip AHA
				4121A01-3CIA	3 leads Clip IEC
				4121A01-5SAA	5 leads Snap AHA
				4121A01-5SIA	5 leads Snap IEC
				4121A01-5CAA	5 leads Clip AHA
				4121A01-5CIA	5 leads Clip IEC
Larsen & Toubro (L&T)		 Round 12pin		4124A01-3SAA	3 leads Snap AHA
				4124A01-3SIA	3 leads Snap IEC
				4124A01-3CAA	3 leads Clip AHA
				4124A01-3CIA	3 leads Clip IEC
M&B	CD2000	 Round 6pin		4130A01-3SAA	3 leads Snap AHA
				4130A01-3SIA	3 leads Snap IEC
				4130A01-3CAA	3 leads Clip AHA
				4130A01-3CIA	3 leads Clip IEC
				4130A01-5SAA	5 leads Snap AHA
				4130A01-5SIA	5 leads Snap IEC
				4130A01-5CAA	5 leads Clip AHA
Mennen	Envoy	 Round 13pin		4146A01-3SAA	3 leads Snap AHA
				4146A01-3SIA	3 leads Snap IEC
				4146A01-3CAA	3 leads Clip AHA
				4146A01-3CIA	3 leads Clip IEC
				4146A01-5SAA	5 leads Snap AHA
				4146A01-5SIA	5 leads Snap IEC
				4146A01-5CAA	5 leads Clip AHA
				4146A01-5CIA	5 leads Clip IEC
Mindray	PM7000,PM8000,PM9000	 Round 6pin		4147A01-3SAA	3 leads Snap AHA
				4147A01-3SIA	3 leads Snap IEC
				4147A01-3CAA	3 leads Clip AHA
				4147A01-3CIA	3 leads Clip IEC
				4147A01-5SAA	5 leads Snap AHA
				4147A01-5SIA	5 leads Snap IEC
				4147A01-5CAA	5 leads Clip AHA
	4147A01-5CIA	5 leads Clip IEC			

Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Mindray	BeneView T5,T6,T8	 Round 12pin		4147B01-3SAA	3 leads Snap AHA
				4147B01-3SIA	3 leads Snap IEC
				4147B01-3CAA	3 leads Clip AHA
				4147B01-3CIA	3 leads Clip IEC
				4147B01-5SAA	5 leads Snap AHA
				4147B01-5SIA	5 leads Snap IEC
				4147B01-5CAA	5 leads Clip AHA
				4147B01-5CIA	5 leads Clip IEC
Mindray	PM5000,PM6000	 Round 12pin		4147C01-3SAA	3 leads Snap AHA
				4147C01-3SIA	3 leads Snap IEC
				4147C01-3CAA	3 leads Clip AHA
				4147C01-3CIA	3 leads Clip IEC
				4147C01-5SAA	5 leads Snap AHA
				4147C01-5SIA	5 leads Snap IEC
				4147C01-5CAA	5 leads Clip AHA
MEK	MP500、MP600、MP1000	 DB 9pin		4145A01-3SAA	3 leads Snap AHA
				4145A01-3SIA	3 leads Snap IEC
				4145A01-3CAA	3 leads Clip AHA
				4145A01-3CIA	3 leads Clip IEC
				4145A01-5SAA	5 leads Snap AHA
				4145A01-5SIA	5 leads Snap IEC
				4145A01-5CAA	5 leads Clip AHA
				4145A01-5CIA	5 leads Clip IEC
MEK	M160246 M360697	 Mini DIN 8pin		4145B01-3SAA	3 leads Snap AHA
				4145B01-3SIA	3 leads Snap IEC
				4145B01-3CAA	3 leads Clip AHA
				4145B01-3CIA	3 leads Clip IEC
				4145B01-5SAA	5 leads Snap AHA
				4145B01-5SIA	5 leads Snap IEC
				4145B01-5CAA	5 leads Clip AHA
				4145B01-5CIA	5 leads Clip IEC
NEC	3M12	 Round 16pin		4152A01-3SAA	3 leads Snap AHA
				4152A01-3SIA	3 leads Snap IEC
				4152A01-3CAA	3 leads Clip AHA
				4152A01-3CIA	3 leads Clip IEC
				4152A01-5SAA	5 leads Snap AHA
				4152A01-5SIA	5 leads Snap IEC
				4152A01-5CAA	5 leads Clip AHA
				4152A01-5CIA	5 leads Clip IEC

















Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
NIHON KOHDEN	OEC-6102A (s/n<20156), OEC-6105A (s/n<20226), OEC-6120A/J/K BSM-7105K	 Round 8pin		4155C01-3SAA	3 leads Snap AHA
				4155C01-3SIA	3 leads Snap IEC
				4155C01-3CAA	3 leads Clip AHA
				4155C01-3CIA	3 leads Clip IEC
				4155C01-5SAA	5 leads Snap AHA
				4155C01-5SIA	5 leads Snap IEC
				4155C01-5CAA	5 leads Clip AHA
				4155C01-5CIA	5 leads Clip IEC
NIHON KOHDEN	BSM-2300 BSM-4100 BSM-5100 BSM-9510 BSM-9800	 12 pin		4155A01-3SAA	3 leads Snap AHA
				4155A01-3SIA	3 leads Snap IEC
				4155A01-3CAA	3 leads Clip AHA
				4155A01-3CIA	3 leads Clip IEC
NIHON KOHDEN	TEC-7621K TEC-7631K TEC-7721K	 21.5mm Round 11pin		4155B01-3SAA	3 leads Snap AHA 100K ohm
				4155B01-3SIA	3 leads Snap IEC 100K ohm
				4155B01-3CAA	3 leads Clip AHA 100K ohm
			BC-763V	4155B01-3CIA	3 leads Clip IEC 100K ohm
	BSM-7102A TEC-5200A OMP-7201C OMP-7203C, (s/n<20421)	 20mm Round 11pin		4155D01-3SAA	3 leads Snap AHA
				4155D01-3SIA	3 leads Snap IEC
				4155D01-3CAA	3 leads Clip AHA
				4155D01-3CIA	3 leads Clip IEC
	TEC-7631C TEC-7721C TEC-7731C TEC-7700C	 20mm Round 11pin		4155E01-3SAA	3 leads Snap AHA 200K ohm
				4155E01-3SIA	3 leads Snap IEC 200K ohm
				4155E01-3CAA	3 leads Clip AHA 200K ohm
				4155E01-3CIA	3 leads Clip IEC 200K ohm
NIHON KOHDEN	OPV-1500	 20 pin		4155F01-3SAA	3 leads Snap AHA
				4155F01-3SIA	3 leads Snap IEC
				4155F01-3CAA	3 leads Clip AHA
				4155F01-3CIA	3 leads Clip IEC
Petas		 Round 5pin		4163A01-3SAA	3 leads Snap AHA
				4163A01-3SIA	3 leads Snap IEC
				4163A01-3CAA	3 leads Clip AHA
				4163A01-3CIA	3 leads Clip IEC
	KMA160R/165R/260R K-250/300	 Redel 6pin		4163B01-3SAA	3 leads Snap AHA
				4163B01-3SIA	3 leads Snap IEC
				4163B01-3CAA	3 leads Clip AHA
				4163B01-3CIA	3 leads Clip IEC


















Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Philips /HP	M1001A/B、M1002A/B、M1722A/B M1723A/B/M2475B、M3000A、M3001A、M4735A 78352C,7834C、78834C	 Round 12pin		4164A01-3SAA	3 leads Snap AHA 1K ohm
				4164A01-3SIA	3 leads Snap IEC 1K ohm
				4164A01-3CAA	3 leads Clip AHA 1K ohm
				4164A01-3CIA	3 leads Clip IEC 1K ohm
				4164A01-5SAA	5 leads Snap AHA 1K ohm
				4164A01-5SIA	5 leads Snap IEC 1K ohm
				4164A01-5CAA	5 leads Clip AHA 1K ohm
				4164A01-5CIA	5 leads Clip IEC 1K ohm
Philips /HP	4310A/43110A/43110M,43120A/43200A,M3500B 77000AC,77020A/AC,77010AC、Sonos2000 /2500/AC/AR,77025A,77030A,77035A,77040A 78208A,78210A,78330A,78331-78333A、78341A 78342A,78345A,78346A,78351T,78352A/C、 78353A/B,78534A/B/C,78619A、78620A、 78660A/B,78661A/B,78670A	 Round 8pin	M1733	4164B01-3SAA	3 leads Snap AHA 1K ohm
			M1735	4164B01-3SIA	3 leads Snap IEC 1K ohm
				4164B01-3CAA	3 leads Clip AHA 1K ohm
				4164B01-3CIA	3 leads Clip IEC 1K ohm
			M1734	4164B01-5SAA	5 leads Snap AHA 1K ohm
			M1736	4164B01-5SIA	5 leads Snap IEC 1K ohm
				4164B01-5CAA	5 leads Clip AHA 1K ohm
				4164B01-5CIA	5 leads Clip IEC 1K ohm
Physio-Control	PHYSIO-CONTROL:Lifepak 2,3,33, Scope Monitor II; SIEMENS:Porta Pak 500PB, Porta Pak 500PM; SIMONSEN & WEELS(S&W):CB-600 Defib. DMS-600; SURVIVAL INSTRUMENTS:Safeguard I, II UNIRAD:Series C Echo,VIGGO-SPECTRAMED (Gould):Ekoline 20A, 21, Smith-Kline 20A	 6.3 plug		4165B01-3SAA	3 leads Snap AHA
				4165B01-3SIA	3 leads Snap IEC
				4165B01-3CAA	3 leads Clip AHA
				4165B01-3CIA	3 leads Clip IEC
Physio-Control MEDTRONIC	Lifepak 12 , 120, Lifepak 20	 Round 12pin		4165A01-3SAA	3 leads Snap AHA 10K ohm
				4165A01-3SIA	3 leads Snap IEC 10K ohm
				4165A01-3CAA	3 leads Clip AHA 10K ohm
				4165A01-3CIA	3 leads Clip IEC 10K ohm
				4165A01-5SAA	5 leads Snap AHA 10K ohm
				4165A01-5SIA	5 leads Snap IEC 10K ohm
				4165A01-5CAA	5 leads Clip AHA 10K ohm
				4165A01-5CIA	5 leads Clip IEC 10K ohm
PRIMEDIC		 Redel 16pin		4170A01-3SAA	3 leads Snap AHA 10K ohm
				4170A01-3SIA	3 leads Snap IEC 10K ohm
				4170A01-3CAA	3 leads Clip AHA 10K ohm
				4170A01-3CIA	3 leads Clip IEC 10K ohm

Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Siemens	Sirecust Series400,500,600,Serie 700,900,1200,Sirecust 341/610/620/630/720/722,Sirecust 730/732/900/960/961/1260,Sirecust 1281/1801/400/-500,ECG Monitor,Polymed Modul,Modulbox Sirem	 Round 10pin		4192A01-3SAA	3 leads Snap AHA
				4192A01-3SIA	3 leads Snap IEC
				4192A01-3CAA	3 leads Clip AHA
				4192A01-3CIA	3 leads Clip IEC
				4192A01-5SAA	5 leads Snap AHA
				4192A01-5SIA	5 leads Snap IEC
				4192A01-5CAA	5 leads Clip AHA
				4192A01-5CIA	5 leads Clip IEC
Schiller		 Round 12pin	W1409608	4185A01-3SAA	3 leads Snap AHA
				4185A01-3SIA	3 leads Snap IEC
				4185A01-3CAA	3 leads Clip AHA
				4185A01-3CIA	3 leads Clip IEC
				4185A01-5SAA	5 leads Snap AHA
				4185A01-5SIA	5 leads Snap IEC
				4185A01-5CAA	5 leads Clip AHA
				4185A01-5CIA	5 leads Clip IEC
Spacelabs	90496 Ultraview 90369 Ultraview 90367 Ultraview	 Round 17pin		4201A01-3SAA	3 leads Snap AHA 1K ohm
				4201A01-3SIA	3 leads Snap IEC 1K ohm
				4201A01-3CAA	3 leads Clip AHA 1K ohm
				4201A01-3CIA	3 leads Clip IEC 1K ohm
				4201A01-5SAA	5 leads Snap AHA 1K ohm
				4201A01-5SIA	5 leads Snap IEC 1K ohm
				4201A01-5CAA	5 leads Clip AHA 1K ohm
				4201A01-5CIA	5 leads Clip IEC 1K ohm
Esaote		 Round 17pin		4083A01-3SAA	3 leads Snap AHA 10K ohm
				4083A01-3SIA	3 leads Snap IEC 10K ohm
				4083A01-3CAA	3 leads Clip AHA 10K ohm
				4083A01-3CIA	3 leads Clip IEC 10K ohm
				4083A01-5SAA	5 leads Snap AHA 10K ohm
				4083A01-5SIA	5 leads Snap IEC 10K ohm
				4083A01-5CAA	5 leads Clip AHA 10K ohm
				4083A01-5CIA	5 leads Clip IEC 10K ohm





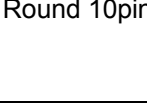










Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Temis	tm-330v	 DB 15pin		4254A01-3SAA	3 leads Snap AHA
				4254A01-3SIA	3 leads Snap IEC
				4254A01-3CAA	3 leads Clip AHA
				4254A01-3CIA	3 leads Clip IEC
				4254A01-5SAA	5 leads Snap AHA
				4254A01-5SIA	5 leads Snap IEC
				4254A01-5CAA	5 leads Clip AHA
				4254A01-5CIA	5 leads Clip IEC
Arrow	Autocat 1,2	 Round 12pin		4259A01-3SAA	3 leads Snap AHA 1K ohm
				4259A01-3SIA	3 leads Snap IEC 1K ohm
				4259A01-3CAA	3 leads Clip AHA 1K ohm
				4259A01-3CIA	3 leads Clip IEC 1K ohm
				4259A01-5SAA	5 leads Snap AHA 1K ohm
				4259A01-5SIA	5 leads Snap IEC 1K ohm
				4259A01-5CAA	5 leads Clip AHA 1K ohm
				4259A01-5CIA	5 leads Clip IEC 1K ohm
Drager	UM1/3/3.1, RM1, PM8010 PM8014, Babyguard 8000,Cato Babylog8000/8000 plus, PB8800, serie 8000, Cicero, Parameterbox	 Round 10pin		4193A01-3SAA	3 leads Snap AHA 1K ohm
				4193A01-3SIA	3 leads Snap IEC 1K ohm
				4193A01-3CAA	3 leads Clip AHA 1K ohm
				4193A01-3CIA	3 leads Clip IEC 1K ohm

















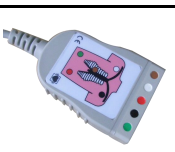













Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Mindray AIR SHIELDS ALT BCI Colin CSI Goldway GE IVY MDE MPC Nihon Kohden Pace-Tech Burdick Vitiatek Zoll	AIR SHIELDS:HRRM-71-1/2 Porta-Fibl,II,III,5,6 ALT:800,800Plus, CX ATL Ultrasound: CX200, CX400,Apogee,HDI 9/2000 Interspec Cardiology XL Mark IV,Mark VII , Ultramark 4/5/7/9 BCI:3101,3404,6100,6200 9100,9200,Advisor,Autocorr COLIN:BP308,BP408,CBM3000 CSI:504US,602-4USP,Poet2 Scholar GE:Corometrics 556 Critikon 8100T Dinamap 8700/9700 IVY:101 (before 1989) 402,700 LSI:LS5 ,261 MDE:Escort 100,101,102,200,300 Prism, 360SL, 450SL,521A PortaPak 80,PortaPak 90/1000 MPC: Lifepak 6 VSM-1ESF (w/resistors) NELLCOR:N-200/250 C-LOCK N-1000,NPB-3900,NPB-4000 NK:BSM-8301A/8302A/8500A 8502A,OEC-6102A (s/n>20156) 7102A/8108A OEC-6105A (s/n>20226),TEC-7100A TEC-5200A(s/n>20421), TEC-7200A/7300A PACE-TECH:Minipack 300 Minipack 3000/3100, MiniMax4000CL Vitalmax 800 Plus /2100/2200/4000/4100 Vitalmax/4000CL 4000 Modular/4100CL HP:M3921A A1,M3923A A1 M3925A A1,M3927A A3 M3929A A3 PIONEER (American Optical): 26125,33167,5260,5330,Pulsar4 PPG:Guardian 1001/N1001 BURDICK:Medic3/4/5/4045Defib 500/600/900 Series (w/o respiration) 90300/90400/90600/90700 Series TEK-208/408/511/512/514/521 PC Bedside , PCMS Vitiatek:4045Defib/208/400 500Series Protocol:Propaq100 200Series Atlas Propaq Encore, Propaq CS Ultra Smart ZOLL:D900, PD1200,PD1400				4147A02-3NUA	Round 6pin to DIN 3pin AHA and IEC without resistor for DIN type leadwire
					4147A02-5NUA	Round 6pin to DIN 5pin AHA and IEC without resistor for DIN type leadwire
					4147A02-3NUB	Round 6pin to DIN 3pin AHA and IEC with 1K resistor for DIN type leadwire
					4147A02-5NUB	Round 6pin to DIN 5pin AHA and IEC with 1K resistor for DIN type leadwire
					4147A03-3NUA	Round 6pin to LL 3pin AHA and IEC without resistor for LL type leadwire
					4147A03-5NUA	Round 6pin to LL 5pin AHA and IEC without resistor for LL type leadwire
					4147A03-3NUB	Round 6pin to LL 3pin AHA and IEC with 1K resistor for LL type leadwire
					4147A03-5NUB	Round 6pin to LL 5pin AHA and IEC with 1K resistor for LL type leadwire















Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Artema	8000 System, Diascope 1,2, Neoscope, DMS700, defibrillator, Diascope-NT, Athena Systems, Cardio-Aid, DS Traveller, DSNT, DS1, DS2, MCX/LS	 Round 10pin			4017A03-3NUA	Round 10pin to LL3pin AHA and IEC without resistor for LL type leadwire
					4017A03-5NUA	Round 10pin to LL5pin AHA and IEC without resistor for LL type leadwire
Bionet	BM3	 Round 8pin			4034A02-3NUA	Round 8pin to DIN 3pin AHA and IEC with 1K resistor for D type leadwire
					4034A02-5NUA	Round 8pin to DIN 5pin AHA and IEC with 1K resistor for D type leadwire
		 Round 8pin			4034A03-3NUA	Round 8pin to LL 3pin AHA and IEC with 1K resistor for LL type leadwire
					4034A03-5NUA	Round 8pin to LL 5pin AHA and IEC with 1K resistor for LL type leadwire
Colin	BP88, BP306	 Round 6pin			4052A05-5NIA	Round 6pin to 6pin IEC without resistor for colin leadwire
	BP88S	 Round 6pin			4052B05-5NIA	Round 6pin to 6pin IEC without resistor for colin leadwire
Creative	Creative: PC9000S, PC9000, UP6000, Biolight: M12	  Redel 6pin			4059A02-3NUA	Redel 6pin to DIN 3pin AHA and IEC with 1K resistor for D type leadwire
					4059A02-5NUA	Redel 6pin to DIN 5pin AHA and IEC with 1K resistor for D type leadwire








Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Datascope	2000,2001,2002,2100,2200,3000,3000A ,Ballon Pump,M/D3 w/lead select,M/D3A,M/D4,Passport,Passport IL,Passport XG,Passport XL,Passport 2,Passport 2LT,Spectrum System 90, System 90T , System 96, System 97				4147A02-3NUA	Round 6pin to DIN 3pin AHA and IEC without resistor for DIN type leadwire
					4147A02-5NUA	Round 6pin to DIN 5pin AHA and IEC without resistor for DIN type leadwire
Datex	Cardiicap 1,Cardiicap 2,Cardiicap5,Light Monitor,Satliteplus、 AX/3、 CS/3、 S/5				4066A03-3NUA	Round 10pin to LL 3pin AHA and IEC without resistor for LL type leadwire
					4066A03-5NUA	Round 10pin to LL 5pin AHA without resistor for LL type leadwire
GE	Dash PRO 4000/3000/2000/1000, Eagle Systems, MAC-Lab, Solar 9500/8000/3000 Tram 100/200/300/400/500 Tram 600/800,Unity Systems				4091A04-5NAA	11pin to DIN 5pin AHA without resistor for Marquette leadwire
					4091A04-5NIA	11pin to DIN 5pin IEC without resistor for Marquette leadwire
GE	Pro1000				4091B06-3NAA	Round 6pin to 3pin AHA with 1K resistor for 3 leadwire
					4091B06-3NIA	Round 6pin to 3pin IEC with 1K resistor for 3 leadwire
					4091B06-5NAA	Round 6pin to 5pin AHA with 1K resistor for 5 leadwire
					4091B06-5NIA	Round 6pin to 5pin IEC with 1K resistor for 5 leadwire








Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Goldway	UT4000A,UT4000Apro, UT6000A, UT4000B, UT4000C, UT4000F, UT6000F, UT4000Fpro, UT4800				4147A03-3NUA	Round 6pin to LL 3pin AHA and IEC without resistor for LL type leadwire
					4147A03-5NUA	Round 6pin to LL 5pin AHA and IEC without resistor for LL type leadwire
Hellige	Hellige,Servomed 4 , Generation, SCP 851, SCP 852 , SCP 844, SCS 804,,CardioServ , VICOM-sm				4098A03-3NUA	Round 10pin to LL 3pin AHA and IEC without resistor for LL type leadwire
					4098A03-5NUA	Round 10pin to LL 5pin AHA and IEC without resistor for LL type leadwire
Kontron	7000,7135,7135B,7141,7210, 7250,7251,K2000,KAAT, Kolormon,Micromon Minimon,Supermon Vitalmon				4121A03-3NUA	Round 12pin to LL 3pin AHA and IEC without resistor for LL type leadwire
					4121A03-5NUA	Round 12pin to LL 5pin AHA and IEC without resistor for LL type leadwire
MEK	MP500、MP600、MP1000				4145A02-3NUA	DB 9pin to DIN 3pin AHA and IEC without resistor for DIN type leadwire
					4145A02-5NUA	DB 9pin to DIN 5pin AHA and IEC without resistor for DIN type leadwire
	M160246 M360697				4145B03-3NUA	MD 6pin to LL 3pin AHA and IEC without resistor for LL type leadwire
					4145B03-5NUA	MD 6pin to LL 5pin AHA and IEC without resistor for LL type leadwire


Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Nihon Kohden	BSM-2301, BSM-2353, BSM-5100, Multi-parameter bedside monitors	 12 pin		JC-906P	4155A11-6NIA	12pin to 8pin IEC for BR-903P, BR-906P
	OEC-6102A (s/n<20156), OEC-6105A (s/n<20226), OEC-6120A/J/K, BSM-7105K	 Round 8 pin			4155C02-3NUA	Round 8pin to DIN 3pin AHA and IEC for DIN type leadwire
	BSM-7102A, OMP-7201C, OMP-7203C, TEC-5200A (s/n<20421),	 Round 11 pin			4155D02-3NUA	Round 11pin to DIN 3pin AHA and IEC for DIN type leadwire
	OPV-1500	 20 pin			4155F02-3NUA	20pin to 8pin IEC for BR-903P, BR-906P
Philips	M1001A/B, M1002A/B, M1722A/B, M1723A/B, M2475B, M3000A, M3001A, M4735A, 78352C, 7834C, 78834C	 Round 12pin		M1500A	4164A08-3NAA	Round 12pin to 3pin AHA with 1K resistor for HP LeadWires
				M1510A	4164A08-3NIA	Round 12pin to 3pin IEC with 1K resistor for HP LeadWires
				M1520A	4164A08-5NAA	Round 12pin to 5pin AHA with 1K resistor for HP LeadWires
				M1530A	4164A08-5NIA	Round 12pin to 5pin IEC with 1K resistor for HP LeadWires
Philips	4310A/43110A/43110M, 43120A/43200A, M3500B, 77000AC, 77020A/AC, 77010AC, Sonos2000 /2500/AC/AR, 77025A, 77030A, 77035A, 77040A, 78208A, 78210A, 78330A, 78331-78333A, 78341A, 78342A, 78345A, 78346A, 78351T, 78352A/C, 78353A/B, 78534A/B/C, 78619A, 78620A, 78660A/B, 78661A/B, 78670A, 78671A, M1722A/B, M1723A/B, M2400A, M2406A, M2425A, M2475B	 Round 8pin		M1580A	4164B08-3NAA	Round 8pin to 3pin AHA with 1K resistor for HP LeadWires
				M1590A	4164B08-3NIA	Round 8pin to 3pin IEC with 1K resistor for HP LeadWires
				M1600A	4164B08-5NAA	Round 8pin to 5pin AHA with 1K resistor for HP LeadWires










Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Philips				M1610A	4164B08-5NIA	Round 8pin to 5pin IEC with 1K resistor for HP LeadWires
Philips	Modules: M1001B, M1002B, Measurement Modules: M3000A, M3001A, M3002A, MP2: M8102A, MP5: M8105A, SureSigns Monitors: 863063, 863064, 863065, 863066, 863068, 863077, 863085, 863086, 863087, 863088			M1669A	4164C24-3NAA	Round 12pin to 3pin ,AHA for HP LeadWires
				M1669A	4164C24-3NIA	Round 12pin to 3pin ,IEC for HP LeadWires
				M1668A	4164C24-5NAA	Round 12pin to 5pin ,AHA for HP LeadWires
				M1668A	4164C24-5NIA	Round 12pin to 5pin ,IEC for HP LeadWires
NEC	3M12	 	 	47524	4152A07-3NUA	Round 16pin to 4pin AHA and IEC without resistor for 47504 LeadWires
				47525	4152A07-5NUA	Round 16pin to 6pin AHA and IEC with 1K resistor for 47505 LeadWires
Siemens		 Round 10pin			4192A03-3NUA	Round 10pin to LL 3pin AHA and IEC without resistor for LL type leadwire
					4192A03-5NUA	Round 10pin to LL 5pin AHA and IEC without resistor for LL type leadwire






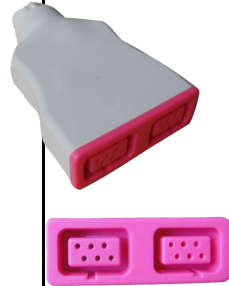




Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Drager Siemens		 Round 10pin			4193A03-3NUA	Round 10pin to DIN 3pin AHA and IEC without resistor for DIN type leadwire
	Multimed-Pot system fur serie SC6000/SC 6002XL/SC 7000/SC 9000				4193B22-BNUA	Multi-link Cable
Spacelabs		 Round 17pin		IEC:700-0008-07 AHA:700-0008-06	4201A09-5NUA	Round 17pin to 5pin AHA and IEC with 1K resistor for Spacelabs leadwire
FUKUDA DENSHI	DS-7100 DS-7200				4088B08-3NAA	Round 12pin to 3pin AHA for HP LeadWires
					4088B08-3NIA	Round 12pin to 3pin IEC for HP LeadWires
					4088B08-5NAA	Round 12pin to 5pin AHA for HP LeadWires
					4088B08-5NIA	Round 12pin to 5pin IEC for HP LeadWires









Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Colin			CL-3601	8053SIA	3 leads Snap IEC
				8053CIA	3 leads Clip IEC
				8055SIA	5 leads Snap IEC
				8055CIA	5 leads Clip IEC
DIN 1.5	Din 1.5 type compatible with din 1.5 type Yoke			8023SAA	3 leads Snap AHA
				8023SIA	3 leads Snap IEC
				8023CAA	3 leads Clip AHA
				8023CIA	3 leads Clip IEC
				8025SAA	5 leads Snap AHA
				8025SIA	5 leads Snap IEC
				8025CAA	5 leads Clip AHA
				8025CIA	5 leads Clip IEC
GE-Marquette	Pro1000			8063SAA	3 leads Snap AHA
				8063SIA	3 leads Snap IEC
				8063CAA	3 leads Clip AHA
				8063CIA	3 leads Clip IEC
				8065SAA	5 leads Snap AHA
				8065SIA	5 leads Snap IEC
				8065CAA	5 leads Clip AHA
				8065CIA	5 leads Clip IEC
GE-Marquette	Dash 4000,Dash 3000 Dash 2000,Dash1000, Solar9500,Solar8000, Solar3000,Tram100, Tram200,Tram300, Tram400,Tram500, Tram600,Tram800, Eagle 1000,3000, 4000		E9008LF	8043SAA	3 leads Snap AHA
			E9003CL	8043SIA	3 leads Snap IEC
			E9008LH	8043CAA	3 leads Clip AHA
			E9003CN	8043CIA	3 leads Clip IEC
			E9008L	8045SAA	5 leads Snap AHA
			E9003CE	8045SIA	5 leads Snap IEC
			E9008LB	8045CAA	5 leads Clip AHA
			E9003CG	8045CIA	5 leads Clip IEC
LL type	LL type compatible with LL type Yoke			8033SAA	3 leads Snap AHA
				8033SIA	3 leads Snap IEC
				8033CAA	3 leads Clip AHA
				8033CIA	3 leads Clip IEC
				8035SAA	5 leads Snap AHA
				8035SIA	5 leads Snap IEC
				8035CAA	5 leads Clip AHA
				8035CIA	5 leads Clip IEC
NEC	compatible with 4152A07-3NUA			8073SIA	3 leads Snap IEC
			47504	8073CIA	3 leads Clip IEC
	compatible with 4152A07-5NUA			8075SIA	5 leads Snap IEC
			47505	8075CIA	5 leads Clip IEC

Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
NEC				8163SIA	3 leads Snap IEC
				8163CIA	3 leads Clip IEC
				8165SIA	5 leads Snap IEC
				8165CIA	5 leads Clip IEC
Nihon Kohden	compatible with 4155A11-6NUA		BR-913P	8113SIA	3 leads Snap IEC
			BR-903P	8113CIA	3 leads Clip IEC
			BR-916P	8116SIA	6 leads Snap IEC
			BR-906P	8116CIA	6 leads Clip IEC
PHILIPS			M1605A	8083SAA	3 leads Snap AHA
			M1615A	8083SIA	3 leads Snap IEC
			M1603A	8083CAA	3 leads Clip AHA
			M1613A	8083CIA	3 leads Clip IEC
			M1625A	8085SAA	5 leads Snap AHA
			M1635A	8085SIA	5 leads Snap IEC
			M1623A	8085CAA	5 leads Clip AHA
			M1633A	8085CIA	5 leads Clip IEC
PHILIPS			M1673A	8243SAA	3 leads Snap AHA
			M1674A	8243SIA	3 leads Snap IEC
			M1671A	8243CAA	3 leads Clip AHA
			M1672A	8243CIA	3 leads Clip IEC
			M1644A	8245SAA	5 leads Snap AHA
			M1645A	8245SIA	5 leads Snap IEC
			M1968A	8245CAA	5 leads Clip AHA
			M1971A	8245CIA	5 leads Clip IEC
Petas				8235SAA	5 leads Snap AHA
				8235SIA	5 leads Snap IEC
				8235CAA	5 leads Clip AHA
				8235CIA	5 leads Clip IEC
Siemens				8103SAA	3 leads Snap AHA
				8103SIA	3 leads Snap IEC
				8103CAA	3 leads Clip AHA
				8103CIA	3 leads Clip IEC
				8105SAA	5 leads Snap AHA
				8105SIA	5 leads Snap IEC
				8105CAA	5 leads Clip AHA
				8105CIA	5 leads Clip IEC

Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
SPACELABS			700-0007-00	8093SAA	3 leads Snap AHA
			700-0006-00	8093SIA	3 leads Snap IEC
			700-0007-01	8093CAA	3 leads Clip AHA
			700-0006-01	8093CIA	3 leads Clip IEC
			700-0007-08	8095SAA	5 leads Snap AHA
			700-0006-08	8095SIA	5 leads Snap IEC
			700-0007-09	8095CAA	5 leads Clip AHA
			700-0006-09	8095CIA	5 leads Clip IEC

Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
ALL					Q265EAA	Disposable ECG cable 5 leads Clip AHA
					Q265EIA	Disposable ECG cable 5 leads Clip IEC
Biolight	A8,A6 etc.				J0125	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire
Biolight	M7000,M9500 etc.				J0126	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWires
Bruker	SM784,SM785				J0127	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire

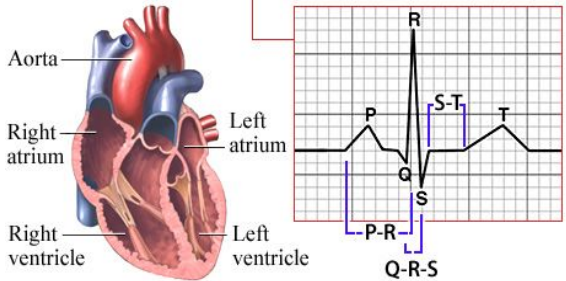
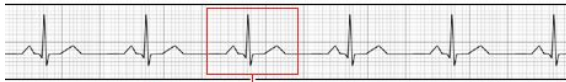
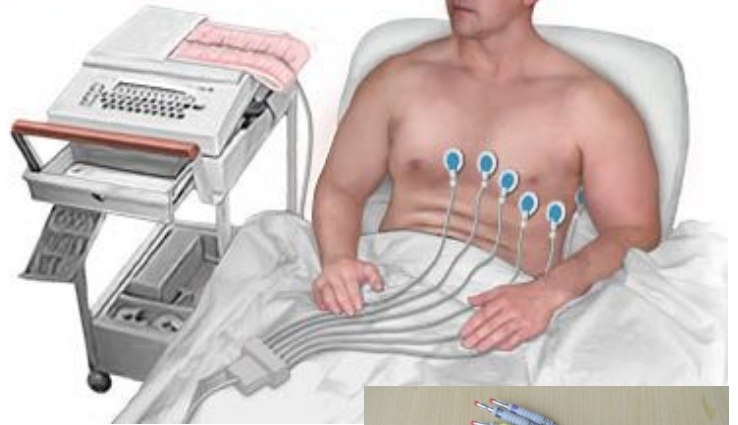
Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Mindray Goldway Burdick Zoll CSI Colin etc.					J0128	Reusable adapter round 6 pin to double 6pin for 6pin disposable leadWire
Datex	Cardicap 1,Cardicap 2,Cardicap5,Light Monitor,Satliteplus、AX/3、CS/3、S/5				J0129	Reusable adapter round 10 pin to double 6pin for 6pin disposable leadWire
FUKUDA DENSHI	DS-7001				J0130	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire
Arrow	Autocat 2				J0096	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire
Kontron	7000,7135,7135B,7141,7210,7250,7251,K2000,KAAT, Kolomon,Micromon Minimon,Supermon Vitalmon				J0132	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire

Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Mindray	BeneView T5,T6,T8				J0133	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire
Philips /HP	M1001A/B、M1002A/B、M1722A/B、M1723A/B、M2475B、M3000A、M3001A、M4735A、78352C、7834C、78834C				J0078	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire
Schiller					J0095	Reusable adapter round 12 pin to double 6pin for 6pin disposable leadWire
Artema	8000 System,Diascope1,2, Neoscope,DMS700,defibrillator ,Diascope-NT,Athena Systems, Cardio-Aid,DS Traveller, DSNT,DS1,DS2,MCX/LS				J0124	Reusable adapter round 10 pin to double 6pin for 6pin disposable leadWire

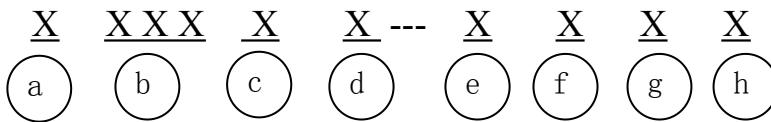




Electrocardiogram (ECG)



Teveik Part Number Code Rule:



a. — Product Line Code

4- Patient Monitor ECG Cable

5- EKG Cable

b. — Brand Code

For Example: 091- Indicates GE

164- Indicates Philips

c. — Difference Code For Different Machine Model From Same Brand

With Letter: A; B; C....

d. — Yoke Code

01; 02; 03; 04; 05 and so on

e. — Leadwire Quantity

3- 3 leads 5- 5leads A- 10 leads

f. — Patient End Code

S- snap B- Banana 4.0 D- DIN 3.0 C- clip N- without patient end

g. — Standard Code (refer to next page)

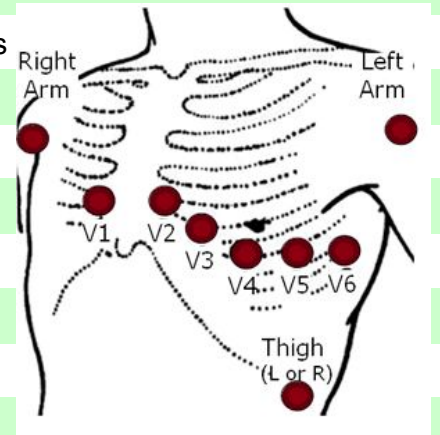
A-Indicates AHA (AAMI)

I- Indicates IEC

U- Indicates AHA(AAMI) and IEC

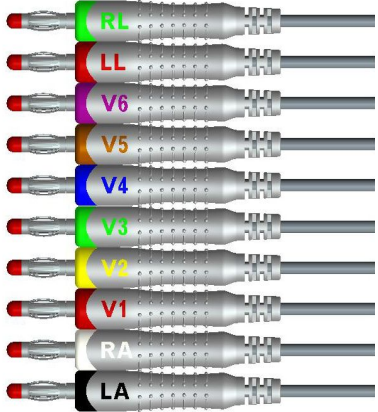
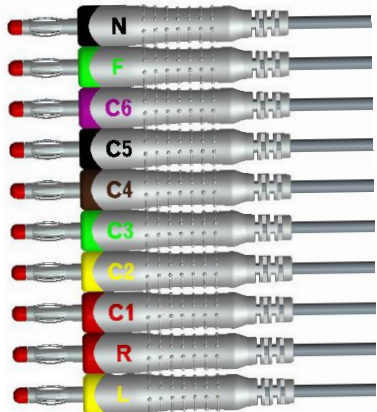
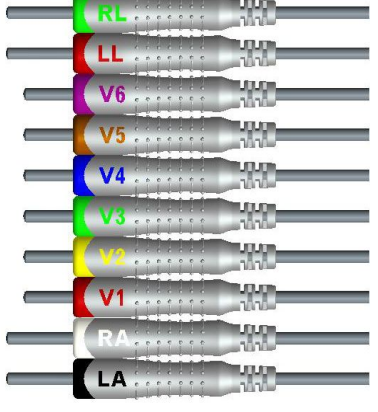
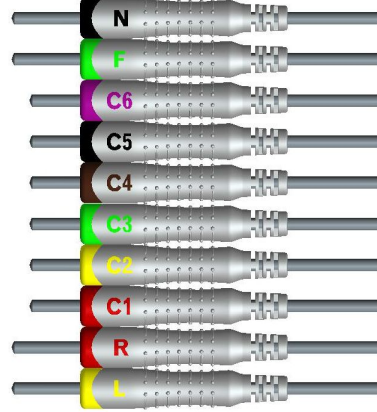
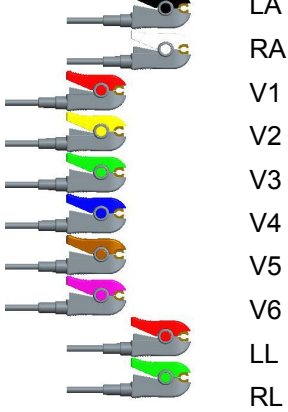
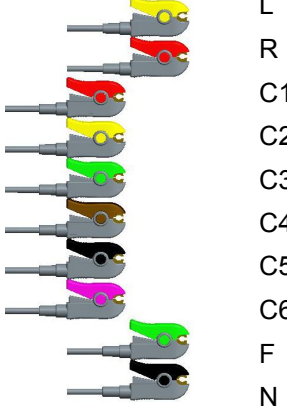
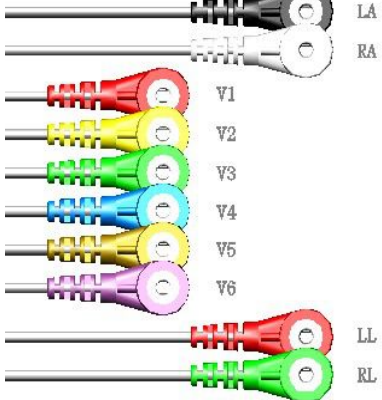
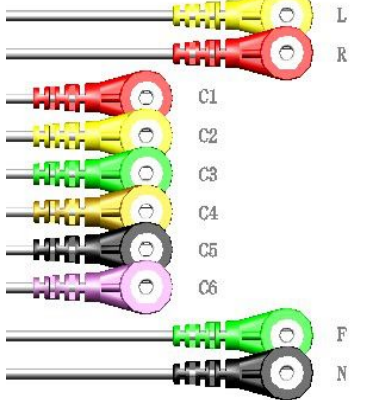
h. — Difference Code





With Letter: A; B; C....













For example:






5185A01-ABAA: Schiller ECG cable with integrated 10 leadwires,banana 4.0,AHA





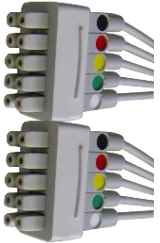

Patient End type	AHA (AAMI)	IEC
Banana 4.0		
DIN 3.0		
Clip		
Snap		





Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Schiller	Schiller: AT3,AT6,CS6,AT5, AT10,AT60 Avionics(Del Mar): 910/920/930/940/942 950/960/970/980 Custo-med: Custo-norm Ergoline: Autoruler, Autoscript 6/12 Cardiette, EK 3003 / 3012, Ergoline Esaote Biomedica: EKG P80,120 Fidelity: LP 3000 Innomed: Heart Mirror (3-Kanal) Kontron: EKG P80 Reynolds: Cardiotrack 12 Trentina: All Excel-Types Von Berg: Bioset 9000	 DB 15pin		5185A01-ABAA	Banana 4.0 AHA without resistor
				5185A01-ABIA	Banana 4.0 IEC without resistor
				5185A01-ADAA	DIN 3.0 AHA without resistor
				5185A01-ADIA	DIN 3.0 IEC without resistor
				5185A01-ASAA	Snap AHA without resistor
				5185A01-ASIA	Snap IEC without resistor
				5185A01-ACAA	Clip AHA without resistor
				5185A01-ACIA	Clip IEC without resistor
				5185A01-ABAB	Banana 4.0 AHA 10K resistor
				5185A01-ABIB	Banana 4.0 IEC 10K resistor
				5185A01-ADAB	DIN 3.0 AHA 10K ohm resistor
				5185A01-ADIB	DIN 3.0 IEC 10K ohm resistor
				5185A01-ASAB	Snap AHA 10K ohm resistor
				5185A01-ASIB	Snap IEC 10K ohm resistor
				5185A01-ACAB	Clip AHA 10K ohm resistor
	5185A01-ACIB	Clip IEC 10K ohm resistor			
Schiller	AT1,AT2,AT2 Plus,AT4	 Long screw DB 15pin		5185B01-ABAA	Banana 4.0 AHA 10K resistor
				5185B01-ABIA	Banana 4.0 IEC 10K resistor
				5185B01-ADAA	DIN 3.0 AHA 10K ohm resistor
				5185B01-ADIA	DIN 3.0 IEC 10K ohm resistor
				5185B01-ASAA	Snap AHA 10K ohm resistor
				5185B01-ASIA	Snap IEC 10K ohm resistor
				5185B01-ACAA	Clip AHA 10K ohm resistor
				5185B01-ACIA	Clip IEC 10K ohm resistor
Burdick	Eclipse 4/8/400/800/850/850I/PLUS Eclipse LE II BURDICK with serial number starting with 1067 or 92304 ATRIA: ATRIA PLUS, ATRIA3000	 DB 15pin		5044A01-ABAA	Banana 4.0 AHA 10K resistor
				5044A01-ABIA	Banana 4.0 IEC 10K resistor
				5044A01-ADAA	DIN 3.0 AHA 10K ohm resistor
				5044A01-ADIA	DIN 3.0 IEC 10K ohm resistor
				5044A01-ASAA	Snap AHA 10K ohm resistor
				5044A01-ASIA	Snap IEC 10K ohm resistor
				5044A01-ACAA	Clip AHA 10K ohm resistor
		5044A01-ACIA	Clip IEC 10K ohm resistor		
	EK-10	 DB 15pin		5044B01-ABAA	Banana 4.0 AHA without resistor
				5044B01-ABIA	Banana 4.0 IEC without resistor
				5044B01-ADAA	DIN 3.0 AHA without resistor
				5044B01-ADIA	DIN 3.0 IEC without resistor
				5044B01-ASAA	Snap AHA without resistor
				5044B01-ASIA	Snap IEC without resistor
			5044B01-ACAA	Clip AHA without resistor	
	5044B01-ACIA	Clip IEC without resistor			




Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Burdick	Burdick: EK-10,Elite, Elite II,E-350,350i, 550,560(1st Generation Eclipse LE/LEi, with serial number starting with 1051). Burdick #007705 Stress cable with detachable leads 007706	 DB 15pin		5044C01-ABAA	Banana 4.0 AHA 4.7K resistor
				5044C01-ABIA	Banana 4.0 IEC 4.7K resistor
				5044C01-ADAA	DIN 3.0 AHA 4.7K ohm resistor
				5044C01-ADIA	DIN 3.0 IEC 4.7K ohm resistor
				5044C01-ASAA	Snap AHA 4.7K ohm resistor
				5044C01-ASIA	Snap IEC 4.7K ohm resistor
				5044C01-ACAA	Clip AHA 4.7K ohm resistor
				5044C01-ACIA	Clip IEC 4.7K ohm resistor
Edan	SE-12 Express SE-3 SE-601A	 DB 15pin		5075A01-ABAA	Banana 4.0 AHA 10K resistor
			MS1-106902	5075A01-ABIA	Banana 4.0 IEC 10K resistor
				5075A01-ADAA	DIN 3.0 AHA 10K ohm resistor
				5075A01-ADIA	DIN 3.0 IEC 10K ohm resistor
				5075A01-ASAA	Snap AHA 10K ohm resistor
				5075A01-ASIA	Snap IEC 10K ohm resistor
				5075A01-ACAA	Clip AHA 10K ohm resistor
				5075A01-ACIA	Clip IEC 10K ohm resistor
Fukuda Denshi	Autocardiner, Cardimax FX-2111 FX-3010 FX-4010 FCP-2155 FX-7402	 DB 15pin		5088A01-ABAA	Banana 4.0 AHA 4.7K resistor
				5088A01-ABIA	Banana 4.0 IEC 4.7K resistor
				5088A01-ADAA	DIN 3.0 AHA 4.7K ohm resistor
				5088A01-ADIA	DIN 3.0 IEC 4.7K ohm resistor
				5088A01-ASAA	Snap AHA 4.7K ohm resistor
				5088A01-ASIA	Snap IEC 4.7K ohm resistor
				5088A01-ACAA	Clip AHA 4.7K ohm resistor
				5088A01-ACIA	Clip IEC 4.7K ohm resistor
Fukuda ME	KP-500	 DB 15pin		5088B01-ABAA	Banana 4.0 AHA 20K resistor
				5088B01-ABIA	Banana 4.0 IEC 20K resistor
				5088B01-ADAA	DIN 3.0 AHA 20K ohm resistor
				5088B01-ADIA	DIN 3.0 IEC 20K ohm resistor
				5088B01-ASAA	Snap AHA 20K ohm resistor
				5088B01-ASIA	Snap IEC 20K ohm resistor
				5088B01-ACAA	Clip AHA 20K ohm resistor
				5088B01-ACIA	Clip IEC 20K ohm resistor
Fukuda Denshi	Alpha 500 / 600 FCP 2201	 DB 15pin		5044C01-ABAA	Banana 4.0 AHA 4.7K resistor
				5044C01-ABIA	Banana 4.0 IEC 4.7K resistor
				5044C01-ADAA	DIN 3.0 AHA 4.7K ohm resistor
				5044C01-ADIA	DIN 3.0 IEC 4.7K ohm resistor
				5044C01-ASAA	Snap AHA 4.7K ohm resistor
				5044C01-ASIA	Snap IEC 4.7K ohm resistor
				5044C01-ACAA	Clip AHA 4.7K ohm resistor
				5044C01-ACIA	Clip IEC 4.7K ohm resistor

Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Kenz	Kenz: 103,106 Cardioline/remco: delta 1,3,30,60 delta 1 plus, delta 3 plus, delta 60 plus	 Round 16pin		5117A01-ABAA	Banana 4.0 AHA without resistor
				5117A01-ABIA	Banana 4.0 IEC without resistor
				5117A01-ADAA	DIN 3.0 AHA without resistor
				5117A01-ADIA	DIN 3.0 IEC without resistor
				5117A01-ASAA	Snap AHA without resistor
				5117A01-ASIA	Snap IEC without resistor
				5117A01-ACAA	Clip AHA without resistor
				5117A01-ACIA	Clip IEC without resistor
Kenz	ECG 108/110/1203,1205	 DB 15pin		5117B01-ABAA	Banana 4.0 AHA without resistor
				5117B01-ABIA	Banana 4.0 IEC without resistor
				5117B01-ADAA	DIN 3.0 AHA without resistor
				5117B01-ADIA	DIN 3.0 IEC without resistor
				5117B01-ASAA	Snap AHA without resistor
				5117B01-ASIA	Snap IEC without resistor
				5117B01-ACAA	Clip AHA without resistor
				5117B01-ACIA	Clip IEC without resistor
GE Marquette	MicroSmart MAC 500 / 1100 MAC 1200 / 1200 ST	 DB 15pin		5091A01-ABAA	Banana 4.0 AHA 10K resistor
				5091A01-ABIA	Banana 4.0 IEC 10K resistor
				5091A01-ADAA	DIN 3.0 AHA 10K ohm resistor
				5091A01-ADIA	DIN 3.0 IEC 10K ohm resistor
				5091A01-ASAA	Snap AHA 10K ohm resistor
				5091A01-ASIA	Snap IEC 10K ohm resistor
				5091A01-ACAA	Clip AHA 10K ohm resistor
				5091A01-ACIA	Clip IEC 10K ohm resistor
GE	GE Eagle, Solar, Dash , Tram, MAC-Lab Cath Lab System, Datex-Ohmeda S/5 FM	 11pin		5091B01-ABAA	Banana 4.0 AHA 1K resistor
				5091B01-ABIA	Banana 4.0 IEC 1K resistor
				5091B01-ADAA	DIN 3.0 AHA 1K ohm resistor
				5091B01-ADIA	DIN 3.0 IEC 1K ohm resistor
				5091B01-ASAA	Snap AHA 1K ohm resistor
				5091B01-ASIA	Snap IEC 1K ohm resistor
				5091B01-ACAA	Clip AHA 1K ohm resistor
				5091B01-ACIA	Clip IEC 1K ohm resistor
MEDICAL RESEARCH LABS (MRL)	Portable Intensive Care System	 Round 12pin		5139A01-ABAA	Banana 4.0 AHA 10K resistor
				5139A01-ABIA	Banana 4.0 IEC 10K resistor
				5139A01-ADAA	DIN 3.0 AHA 10K ohm resistor
				5139A01-ADIA	DIN 3.0 IEC 10K ohm resistor
				5139A01-ASAA	Snap AHA 10K ohm resistor
				5139A01-ASIA	Snap IEC 10K ohm resistor
				5139A01-ACAA	Clip AHA 10K ohm resistor
				5139A01-ACIA	Clip IEC 10K ohm resistor













Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Medtronic	Lifepak 12	 Round 12pin		5143A01-ABAA	Banana 4.0 AHA 10K resistor
				5143A01-ABIA	Banana 4.0 IEC 10K resistor
				5143A01-ADAA	DIN 3.0 AHA 10K ohm resistor
				5143A01-ADIA	DIN 3.0 IEC 10K ohm resistor
				5143A01-ASAA	Snap AHA 10K ohm resistor
				5143A01-ASIA	Snap IEC 10K ohm resistor
				5143A01-ACAA	Clip AHA 10K ohm resistor
				5143A01-ACIA	Clip IEC 10K ohm resistor
Mortara	ELI 250	 DB 15pin		5148A01-ABAA	Banana 4.0 AHA 4.7K resistor
				5148A01-ABIA	Banana 4.0 IEC 4.7K resistor
				5148A01-ADAA	DIN 3.0 AHA 4.7K ohm resistor
				5148A01-ADIA	DIN 3.0 IEC 4.7K ohm resistor
				5148A01-ASAA	Snap AHA 4.7K ohm resistor
				5148A01-ASIA	Snap IEC 4.7K ohm resistor
				5148A01-ACAA	Clip AHA 4.7K ohm resistor
				5148A01-ACIA	Clip IEC 4.7K ohm resistor
NEC	YY-1063	 Round 15pin		5152A01-ABAA	Banana 4.0 AHA 10K resistor
				5152A01-ABIA	Banana 4.0 IEC 10K resistor
				5152A01-ADAA	DIN 3.0 AHA 10K ohm resistor
				5152A01-ADIA	DIN 3.0 IEC 10K ohm resistor
				5152A01-ASAA	Snap AHA 10K ohm resistor
				5152A01-ASIA	Snap IEC 10K ohm resistor
				5152A01-ACAA	Clip AHA 10K ohm resistor
				5152A01-ACIA	Clip IEC 10K ohm resistor
Nihon Kohden	Nihon Kohden: ECG-9620, ECG-9020 ECG-9022, ECG-9010 ECG-9110, ECG-9130 ECG-8420, ECG-9132 ECG-906N (except ECG-9320) Biocare: ECG-101, 101G 1200, 300, 300G, 312, 9803 Dongjiang: ECG-11A, 11B, 11D, 32A, 32AII, 1206, 1212, 1220	 DB 15pin		5155A01-ABAA	Banana 4.0 AHA without resistor
				5155A01-ABIA	Banana 4.0 IEC without resistor
				5155A01-ADAA	DIN 3.0 AHA without resistor
			BJ-901D	5155A01-ADIA	DIN 3.0 IEC without resistor
				5155A01-ASAA	Snap AHA without resistor
				5155A01-ASIA	Snap IEC without resistor
				5155A01-ACAA	Clip AHA without resistor
				5155A01-ACIA	Clip IEC without resistor
Nihon Kohden	Cardiofax 6151/6353, Cardiofax EKG-8270/8350 8370/8420/8423/8450 8453/8820/8823/8830/9130 Cardiofax-Q	 DB 15pin		5155A01-ABAB	Banana 4.0 AHA 4.7K resistor
				5155A01-ABIB	Banana 4.0 IEC 4.7K resistor
				5155A01-ADAB	DIN 3.0 AHA 4.7K ohm resistor
				5155A01-ADIB	DIN 3.0 IEC 4.7K ohm resistor
				5155A01-ASAB	Snap AHA 4.7K ohm resistor
				5155A01-ASIB	Snap IEC 4.7K ohm resistor
				5155A01-ACAB	Clip AHA 4.7K ohm resistor
				5155A01-ACIB	Clip IEC 4.7K ohm resistor

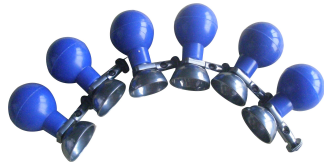




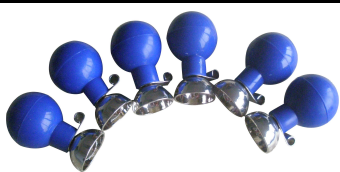




Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Nihon Kohden	ECG-9130P ECG-9620P Cardiofax Q ECG-9110K Cardiofax Q ECG-9130K	 Special screw DB 15pin		5155D01-ABAA	Banana 4.0 AHA without resistor
				5155D01-ABIA	Banana 4.0 IEC without resistor
				5155D01-ADAA	DIN 3.0 AHA without resistor
				5155D01-ADIA	DIN 3.0 IEC without resistor
				5155D01-ASAA	Snap AHA without resistor
				5155D01-ASIA	Snap IEC without resistor
				5155D01-ACAA	Clip AHA without resistor
				5155D01-ACIA	Clip IEC without resistor
Nihon Kohden	ECG-9320/ ECG-9522P (Original part No.: BR-911D)	 40pin		5155C00-ABAA	Banana 4.0 AHA 20K resistor
				5155C00-ABIA	Banana 4.0 IEC 20K resistor
				5155C00-ADAA	DIN 3.0 AHA 20K ohm resistor
				5155C00-ADIA	DIN 3.0 IEC 20K ohm resistor
				5155C00-ASAA	Snap AHA 20K ohm resistor
				5155C00-ASIA	Snap IEC 20K ohm resistor
				5155C00-ACAA	Clip AHA 20K ohm resistor
				5155C00-ACIA	Clip IEC 20K ohm resistor
Nihon Kohden	BSM-2301, BSM-2353, BSM-5100,	 12pin		5155B01-ABIA	Banana 4.0 IEC without resistor
				5155B01-ADIA	DIN 3.0 IEC without resistor
				5155B01-ASIA	Snap IEC without resistor
			BJ-900P	5155B01-ACIA	Clip IEC without resistor
Marqutte	MicroSmart MAC 500 / 1100 MAC 1200 / 1200 ST			5091A14-ANUA	ECG trunk cable
				814ABAA	Banana 4.0 AHA
				814ABIA	Banana 4.0 IEC
				814ADAA	DIN 3.0 AHA
				814ADIA	DIN 3.0 IEC
				814ASAA	Snap AHA
				814ASIA	Snap IEC
	814ACAA	Clip AHA			
	814ACIA	Clip IEC			
PETAS			5163A01-ABAA	Banana 4.0 AHA without resistor	
			5163A01-ABIA	Banana 4.0 IEC without resistor	
			5163A01-ADAA	DIN 3.0 AHA without resistor	
			5163A01-ADIA	DIN 3.0 IEC without resistor	
			5163A01-ASAA	Snap AHA without resistor	
			5163A01-ASIA	Snap IEC without resistor	
			5163A01-ACAA	Clip AHA without resistor	
			5163A01-ACIA	Clip IEC without resistor	











Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Philips/HP	M1770A PageWriter 200i M1771A PageWriter 200 M1772A PageWriter 100	 DB 15pin OEM: 989803107731		5164A01-ABAA	Banana 4.0 AHA 20K resistor
			M3703C	5164A01-ABIA	Banana 4.0 IEC 20K resistor
				5164A01-ADAA	DIN 3.0 AHA 20K ohm resistor
				5164A01-ADIA	DIN 3.0 IEC 20K ohm resistor
				5164A01-ASAA	Snap AHA 20K ohm resistor
				5164A01-ASIA	Snap IEC 20K ohm resistor
				5164A01-ACAA	Clip AHA 20K ohm resistor
				5164A01-ACIA	Clip IEC 20K ohm resistor
Philips/HP	M1700A /M1701A /M1702A; TRIM II/Trim 1, 2, 3	 2pin		820ABAA	Banana 4.0 AHA
				820ABIA	Banana 4.0 IEC
				820ADAA	DIN 3.0 AHA
				820ADIA	DIN 3.0 IEC
				820ASAA	Snap AHA
				820ASIA	Snap IEC
				820ACAA	Clip AHA
				820ACIA	Clip IEC
Shanghai Kohden Zhonlian Jianyi	Shanghai kohden: ECG-6511,6551,6151,6851 8110P/K,6353,6403,6504 Zhonlian Jianyi: XD-106,XD-104B/D	 DB 15pin		5188A01-ABAA	Banana 4.0 AHA without resistor
				5188A01-ABIA	Banana 4.0 IEC without resistor
				5188A01-ADAA	DIN 3.0 AHA without resistor
				5188A01-ADIA	DIN 3.0 IEC without resistor
				5188A01-ASAA	Snap AHA without resistor
				5188A01-ASIA	Snap IEC without resistor
				5188A01-ACAA	Clip AHA without resistor
				5188A01-ACIA	Clip IEC without resistor
Hellige Siemens Bosch Cambridge Custo-med DEGO	Siemens: Cardiostat 1/3T/703/710 PK-200 Cardina C, Cardirex 3T/4/6T/62, Cathcor, Megacard Elema A/B, R, R/E, Mingodoc, Mingocard 3 / 4 / 7, Mingograph 4 / 62 / 81 Mingograph 82 / 740, Mingolog 7, Miracard 1, Sirecard440/440S/460/460S/740, Sie reg, Sirecard 803, Sirecust 701 Hellige: EK 36/41/43/53/56/403/413/512/512 E/512 P, Cardiosmart, CardioSys, Corna Custo-med: Custo-card Bosch:603 D, 603 ER, 603 S, 606 DEGO: Cardiomed 3	 DB 15pin		5192A01-ABAA	Banana 4.0 AHA without resistor
				5192A01-ABIA	Banana 4.0 IEC without resistor
				5192A01-ADAA	DIN 3.0 AHA without resistor
				5192A01-ADIA	DIN 3.0 IEC without resistor
				5192A01-ASAA	Snap AHA without resistor
				5192A01-ASIA	Snap IEC without resistor
				5192A01-ACAA	Clip AHA without resistor
				5192A01-ACIA	Clip IEC without resistor
	 DB 15pin		5192A01-ABAB	Banana 4.0 AHA 4.7K resistor	
			5192A01-ABIB	Banana 4.0 IEC 4.7K resistor	
			5192A01-ADAB	DIN 3.0 AHA 4.7K ohm resistor	
			5192A01-ADIB	DIN 3.0 IEC 4.7K ohm resistor	
			5192A01-ASAB	Snap AHA 4.7K ohm resistor	
			5192A01-ASIB	Snap IEC 4.7K ohm resistor	
			5192A01-ACAB	Clip AHA 4.7K ohm resistor	
			5192A01-ACIB	Clip IEC 4.7K ohm resistor	





Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Bosch / dimeq Cambridge Cardioline/ Remco Cardionics	Bosch/dimeq: 501A,501NV,503,601,503B,503 D,503NV,503V,506,506D Cambridge: VS 6, SC 1000 Delta 1/3/300/360, E1/E1R/E3 Cardionics: all Models Hellige: Corina. EK 51 Honeywell/Philips:Cardioplan, CR 300, CR 330, ER 330 Polymed: Alpha 600 / 800 Schwarzer: VS 6 SECA: 3000	 DB 15pin		5044C01-ABAA	Banana 4.0 AHA 4.7K resistor
				5044C01-ABIA	Banana 4.0 IEC 4.7K resistor
				5044C01-ADAA	DIN 3.0 AHA 4.7K ohm resistor
				5044C01-ADIA	DIN 3.0 IEC 4.7K ohm resistor
				5044C01-ASAA	Snap AHA 4.7K ohm resistor
				5044C01-ASIA	Snap IEC 4.7K ohm resistor
				5044C01-ACAA	Clip AHA 4.7K ohm resistor
				5044C01-ACIA	Clip IEC 4.7K ohm resistor
Carewell	ECG-1103 and 1112			5274A01-ABAA	Banana 4.0 AHA w/o resistor
				5274A01-ABIA	Banana 4.0 IEC w/o resistor
				5274A01-ADAA	DIN 3.0 AHA w/o resistor
				5274A01-ADIA	DIN 3.0 IEC w/o resistor
				5274A01-ASAA	Snap AHA w/o resistor
				5274A01-ASIA	Snap IEC w/o resistor
				5274A01-ACAA	Clip AHA w/o resistor
				5274A01-ACIA	Clip IEC w/o resistor
recorders & medicare systems(P) ltd. (RMS)				5273A01-ABAA	Banana 4.0 AHA w/o resistor
				5273A01-ABIA	Banana 4.0 IEC w/o resistor
				5273A01-ADAA	DIN 3.0 AHA w/o resistor
				5273A01-ADIA	DIN 3.0 IEC w/o resistor
				5273A01-ASAA	Snap AHA w/o resistor
				5273A01-ASIA	Snap IEC w/o resistor
				5273A01-ACAA	Clip AHA w/o resistor
				5273A01-ACIA	Clip IEC w/o resistor

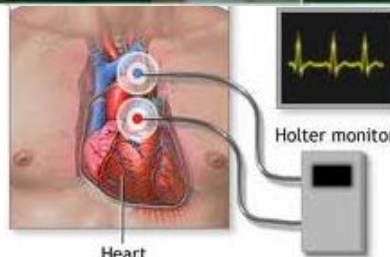


Compatible Brand	Picture	OEM P/N	Teveik P/N	Specification
Disposable electrode for All ECG monitors			611SU01	Adult disposable ECG electrode, ϕ 50mm ,nonwoven cloth backing 1000pcs per carton
			611SU02	Adult disposable ECG electrode, ϕ 50mm ,Foam backing 1000pcs per carton
			612SU01	Pediatric disposable ECG electrode, ϕ 40mm ,nonwoven cloth backing 1000pcs per carton
			612SU02	Pediatric disposable ECG electrode, ϕ 40mm ,Foam backing 1000pcs per carton
Biocare Burdick Dongjiang Fukuda HP Kenz NEC Nihon Kohden Schiller etc.			621DU01	Adult suction electrode , for DIN 3.0 6pcs/set, 26mm grey ball,Nickel -plated Electrode diameter: 21mm
			621DU02	Adult suction electrode , for DIN 3.0 6pcs/set, 26mm blue ball,Nickel-plated Electrode diameter: 21mm
			621BU01	Adult suction electrode , for Banana 4.0 6pcs/set, 26mm grey ball,Nickel-plated Electrode diameter: 21mm
			621BU02	Adult suction electrode , for Banana 4.0 6pcs/set, 26mm blue ball,Nickel-plated
			621FU01	Adult suction electrode , for DIN 3.0 and Banana 4.0 6pcs/set, 26mm grey ball,Nickel-plated Electrode diameter: 21mm
			621FU02	Adult suction electrode , for DIN 3.0 and Banana 4.0 6pcs/set, 26mm blue ball,Nickel-plated Electrode diameter: 21mm
			621UU01	Adult multi-purpose suction electrode , for DIN 3.0 ,Banana 4.0 and snap 6pcs/set, 26mm blue ball,silver chloride-plated Electrode diameter: 24mm
			621UU02	Adult multi-purpose suction electrode , for DIN 3.0 ,Banana 4.0 and snap 6pcs/set, 26mm blue ball,Nickel-plated Electrode diameter: 24mm

Compatible Brand	Picture	OEM P/N	Teveik P/N	Specification
			621UU03	Adult multi-purpose suction electrode , for DIN 3.0 ,Banana 4.0 and snap 6pcs/set, 32mm blue ball,silver chloride-plated Electrode diameter: 24mm
			621UU04	Adult multi-purpose suction electrode , for DIN 3.0 ,Banana 4.0 and snap 6pcs/set, 32mm blue ball,Nickel-plated Electrode diameter: 24mm
Biocare Burdick Dongjiang Fukuda HP Kenz NEC Nihon Kohden Schiller etc.			622DU01	Pediatric suction electrode , for DIN 3.0 6pcs/set, 22mm grey ball,Nickel -plated Electrode diameter: 17.45mm
			622DU02	Pediatric suction electrode , for DIN 3.0 6pcs/set, 22mm blue ball,Nickel-plated Electrode diameter: 17.45mm
			622BU01	Pediatric suction electrode , for Banana 4.0 6pcs/set, 22mm grey ball,Nickel-plated Electrode diameter: 17.45mm
			622BU02	Pediatric suction electrode ,for Banana 4.0 6pcs/set, 22mm blue ball,Nickel-plated Electrode diameter: 17.45mm
			622FU01	Pediatric suction electrode , for DIN 3.0 and Banana 4.0 6pcs/set, 22mm grey ball,Nickel-plated Electrode diameter: 17.45mm
			622FU02	Pediatric suction electrode , DIN 3.0 and Banana 4.0 6pcs/set,22mm blue ball,Nickel-plated Electrode diameter: 17.45mm
			622UU01	Child multi-purpose suction electrode , for DIN 3.0 ,Banana 4.0 and snap 6pcs/set, 22mm blue ball,silver chloride-plated Electrode diameter: 17.45mm
			622UU02	Child multi-purpose suction electrode ,for DIN 3.0 ,Banana 4.0 and snap 6pcs/set, 22mm blue ball,Nickel-plated Electrode diameter: 17.45mm

Compatible Brand	Picture	OEM P/N	Teveik P/N	Specification
All Brands			631DI01	Adult limb electrode ,for Din 3.0,IEC 4pcs/set, Nickel-plated
			631DA01	Adult limb electrode ,for Din 3.0,AHA 4pcs/set, Nickel-plated
			631BI01	Adult limb electrode,for Banana 4.0,IEC 4pcs/set, Nickel-plated
			631BA01	Adult limb electrode,for Banana 4.0,AHA 4pcs/set, Nickel-plated
			631UI01	Adult multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,IEC 4pcs/set,silver chloride-plated
			631UI02	Adult multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,IEC 4pcs/set,Nickel-plated
			631UA01	Adult multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,AHA 4pcs/set,silver chloride-plated
			631UA02	Adult multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,AHA 4pcs/set,Nickel-plated
			632UI01	Pediatric multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,IEC 4pcs/set,silver chloride-plated
			632UI02	Pediatric multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,IEC 4pcs/set,Nickel-plated

Compatible Brand	Picture	OEM P/N	Teveik P/N	Specification
All			632UA01	Pediatric multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,AHA 4pcs/set, silver chloride-plated
			632UA02	Pediatric multi-purpose limb electrode , for DIN 3.0 ,Banana 4.0 and snap,AHA 4pcs/set, Nickel-plated
All			J0164	animal clip electrode, for snap and clip
All			J0135	animal multi-purpose electrode



Teveik Part Number Code:

X XXX X X --- X X X X
 (a) (b) (c) (d) (e) (f) (g) (h)

a. — Product Line Code

7- Holter Recorder ECG Cable

5- EKG Cable

b. — Brand Code

For Example: 033-Indicates Biomedical

056- Indicates Contec

c. — Difference Code For Different Machine Model From Same Brand

With Letter: A; B; C....

d. — Yoke Code

00; 01; 02; 03; 04; 05 and so on

e. — Leadwire Quantity Code

3- 3 leads 5- 5 leads 7- 7 leads A- 10 leads

f. — Patient End Code

S- snap B- Banana 4.0

D- DIN 3.0

C- clip

N- without patient end

g. — Standard Code

A-AHA

I- IEC

H- Alternate AHA

K- Alternate IEC





















U- AHA and IEC







h. — Difference Code

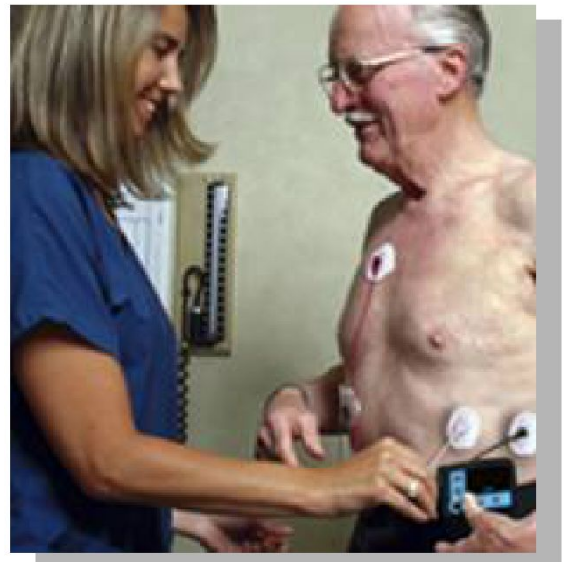
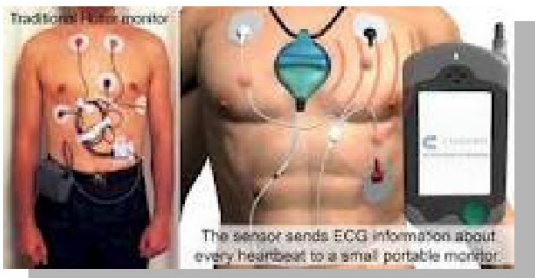
With Letter: A; B; C....








For example:







7033A02-7NUA: Biomedical 7 leads trunk cable

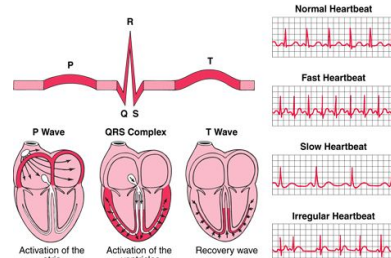
Compatible Brand	Compatible Model	Connector Type (machine side)	Connector Type (leadwire side)	OEM P/N	Teveik P/N	Specification
Biomedical	Biomedical Instruments: BI 9000 Brentwood : BH-3000				7033A02-7NAA	Lemo 7pin to DIN 7pin AHA without resistor for DIN type leadwire
	Biomedical Instruments: BI9800				7033B02-ANAA	Redel 14pin to DIN 10pin AHA without resistor for DIN type leadwire
Biox	Biox: CB-2300-A Biomedical Instruments (BI): BI9000TL				7036A02-7NAA	Redel 14pin to DIN 7pin AHA without resistor for DIN type leadwire
	Biox:CB-1300-CL				7036B02-ANAA	Redel 14pin to DIN 10pin AHA without resistor for DIN type leadwire
Brentwood	Biomedical Instruments: BI 9000 Brentwood : BH-3000				7042A02-7NAA	Lemo 10pin to DIN 7pin AHA without resistor for DIN type leadwire
	BH-1200, Holter 8800				7042A02-ANAA	Lemo 10pin to DIN 10pin,AHA without resistor for DIN type leadwire
Burdick	92512				7044A02-7NAA	7pin to DIN 7pin AHA with 1K resistor for DIN type leadwire
	92513				7044A02-ANAA	7pin to DIN 10pin,AHA with 1K resistor for DIN type leadwire
Contec	TLC98				7056A02-7NAA	Lemo 7pin to DIN 7pin AHA without resistor for DIN type leadwire
Landcom					7122A02-7NAA	Lemo 7pin to DIN 7pin AHA without resistor for DIN type leadwire

Compatible Brand	Compatible Model	Connector Type machine side	Connector Type leadwire side	OEM P/N	Teveik P/N	Specification
Landcom					7122A02-ANAA	Lemo 10pin to DIN 10pin,AHA without resistor for DIN type leadwire
GE Marquette Rozinn	For GE marquette: 8000, 8200, 8500, SEER Holter Recorder model: 151				7091A02-5NAA	Round 7pin to DIN 5pin AHA without resistor for DIN type leadwire
					7091A02-7NAA	Round 7pin to DIN 7pin AHA without resistor for DIN type leadwire



Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
GE Marquette Rozinn				7091A00-3SAA	3 leads Snap AHA
				7091A00-5SAA	5 leads Snap AHA
Choice	MMED600RD-300E			7051A00-3SIA	3 leads Snap IEC
				7051A00-3CIA	3 leads clip IEC
Creative	PC-6000 Telemetry			7059A00-3SIA	3 leads Snap IEC
				7059A00-3CIA	3 leads clip IEC
Creative	PC-80 Easy			7059B00-3SAA	3 leads Snap AHA
				7059B00-3CAA	3 leads clip AHA
Hongrunda				7105A00-3SAA	3 leads Snap AHA
				7105A00-3SKA	3 leads clip AHA
				7105A00-3CAA	3 leads Snap IEC
				7105A00-3CKA	3 leads clip IEC
Mortara				7148A00-ASAA	10 leads Snap AHA
				7148A00-ASIA	10 leads Snap IEC

Compatible Brand	Compatible Model	Connector Type	OEM P/N	Teveik P/N	Specification
Nihon Kohden			BR-546S	7155A00-3SIA	3 leads Snap IEC
			BR-546	7155A00-3CIA	3 leads clip IEC
DIN 1.5 type				8027SAA	7 leads Snap AHA
				8027SIA	7 leads Snap IEC
				8027CAA	7 leads Clip AHA
				8027CIA	7 leads Clip IEC
DIN 1.5 type				802ASAA	10 leads Snap AHA
				802ASIA	10 leads Snap IEC
				802ACAA	10 leads Clip AHA
				802ACIA	10 leads Clip IEC
DIN 2.0 type				8193SAA	3 leads Snap AHA
				8193SIA	3 leads Snap IEC
				8193CAA	3 leads Clip AHA
				8193CIA	3 leads Clip IEC
				8195SAA	5 leads Snap AHA
				8195SIA	5 leads Snap IEC
				8195CAA	5 leads Clip AHA
				8195CIA	5 leads Clip IEC
M&B				7130A00-3SAA	3 leads Snap AHA
				7130A00-3SIA	3 leads clip AHA
				7130A00-3CAA	3 leads Snap IEC
				7130A00-3CIA	3 leads clip IEC
Primedica				7170A00-3SAA	3 leads Snap AHA
				7170A00-3SIA	3 leads clip AHA
				7170A00-3CAA	3 leads Snap IEC
				7170A00-3CIA	3 leads clip IEC



SGS

Certificate CN13/31315

The management system of

Shenzhen City Teveik Technology Co., Ltd.

6/F, B Bld, No. 21, Pinggang Industrial Road, Shiwei Village, Gongming Street,
Guangming New District, Shenzhen City, Guangdong Province, 518106, P.R. China

has been assessed and certified as meeting the requirements of

ISO 13485:2016 EN ISO 13485:2016

For the following activities

**Design and Manufacture of Reusable SpO2 (Pulse Oxygen Saturation) Sensors,
Disposable SpO2 (Pulse Oxygen Saturation) Sensors;
Manufacture of ECG (Electrocardiogram) Cables**

This certificate is valid from 31 January 2022 until 31 January 2025
and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date
Issue 4. Certified since 08 November 2013

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com

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**БАКТЕРИЦИДНАЯ ГАЗОРАЗРЯДНАЯ ЛАМПА
НИЗКОГО ДАВЛЕНИЯ
(TUV-30 TUV-15 TUV-8)**

**F30 TB G13 F15 TB G13 F8 TB G13
ИНСТРУКЦИЯ ПО ЭКСПЛУАТАЦИИ**

1. ВВЕДЕНИЕ

1.1. Настоящая инструкция определяет правила установки, эксплуатации, хранения и транспортирования ламп ртутных низкого давления для облучателей бактерицидных медицинских, в дальнейшем именуемых «лампы». Оболочка ламп выполнена из стекла, хорошо пропускающего излучение с длиной волны 253,7 нм, обладающего наибольшим бактерицидным действием. Стекло отфильтровывает 185-нм линию спектра, ответственную за образование озона. Бактерицидные лампы низкого давления (арт. F30 TB G13 F15 TB G13 F8 TB G13) являются не образующими озон при работе соответствуют требованиям безопасности стандарта ГОСТ 12.2.007.13-2000

1.2. В условном обозначении ламп буквы и цифры обозначают:

- P – дуговая бактерицидная;
- 8,15,30 – номинальная мощность в Вт;
- G13 – тип цоколя;
- TB – тип колбы лампы;

2. ОБЩИЕ УКАЗАНИЯ

2.1. Лампы предназначены для использования в медицине для обеззараживания воздуха помещений лечебных учреждений, бактериологических лабораторий, станций переливания крови, детских учреждений, а также цехов промышленных предприятий, для обеззараживания предметов обихода, питьевой и минеральной воды, обеззараживания и предохранения от микробного загрязнения пищевых продуктов, оборудования и тары в пищевой промышленности и других аналогичных целей.

2.2. Лампы питаются от сети переменного тока частоты 50 Гц напряжением 220 В с соответствующей пускорегулирующей аппаратурой по ГОСТ 16809 в схемах стартерного зажигания.

2.3. Общий вид ламп и основные размеры приведены на рис. 1 и в таблице 1.

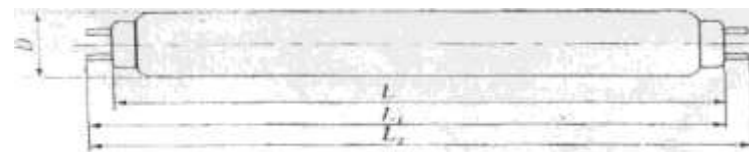


Таблица 1

2.4. Основные параметры ламп приведены в таблице 2

Тип лампы	L мм. min -max	L ₁ мм. min -max	L ₂ мм. min -max	D мм.	Всего нетто гр.	Тип цоколя
F8	287	295	302	15	24	G13
F15	437,4	443.1-445.5	451.6	26.5	75	G13
F30	894,6	899.3-901.7	908.8	26.5	140	G13

Таблица 2

Тип лампы	Мощность Вт.	Напряжение на лампе, В	Сила тока, А.	Лучистый поток		срок горения, ч
				Номинал.	Не менее	
F8	8	56	0,15	2,1	1,58	6000
F15	15	54	0,310	3,8	3,3	6000
F30	30	104	0,365	9,0	8,0	6000

2.5. Спад светового потока после средней продолжительности горения должен составлять не менее 75 % номинального значения

3. МЕРЫ БЕЗОПАСНОСТИ

3.1. При работе с бактерицидной лампой, находящейся в поле зрения, необходимо защищать глаза очками с простыми стёклами и иметь в виду, что облучение бактерицидной лампой при отсутствии защитных средств может вызвать болезненный ожог кожи лица, рук, а также слизистых оболочек глаз.

3.2. Лампы, как и вес приборы, имеющие оболочку из стекла, требуют аккуратного обращения.

Лампы необходимо предохранять от ударов, резких сотрясений, * падений, резких колебаний температуры.

3.3. Производить смену ламп, очистку от пыли при отключенной питающей сети облучательной установки.

3.4. Вследствие токсичности ртути, если лампа разбилась, необходимо тщательно собрать ее остатки, немедленно вынести их за пределы помещения, а место, где разбилась лампа, промыть однопроцентным раствором марганцево-кислого калия.

3.5. Вышедшие из строя лампы должны храниться упакованными в специальном помещении и периодически вывозиться в специально отведенное место.

3.6. До вывоза ламп на место сваливания хозяйственно-бытовых и промышленных отходов содержащаяся в лампах ртуть должна быть изъята либо нейтрализована. Вскрытие отработанных ламп и удаление из них ртути рекомендуется производить в вытяжных шкафах, оснащенных фильтрами- поглотителями паров ртути с самостоятельной вентиляцией. Очистка ламп должна производиться в глубоких эмалированных противнях.

После возможно более полного механического удаления металлической ртути необходимо поместить колбы ламп на несколько часов в растворы химических демеркуризаторов, которыми являются: 10— 15% водный раствор азотной кислоты, 20% раствор хлорного железа и раствор йода в водном растворе йодистого калия (2,5 г йода и 30 г йодида калия и 1 л воды). Отработанные растворы можно сливать в канализацию.

Указания относительно строительных конструкций помещений, в которых должно производиться извлечение ртути, их вентиляция и т. д., имеются в «Санитарных правилах проектирования оборудования, эксплуатации и содержания производственных и лабораторных помещений, предназначенных для проведения работ со ртутью, ее основными соединениями и приборами со ртутным наполнением».

4. ПОРЯДОК УСТАНОВКИ ЛАМП

4.1. Лампы изготавливаются исполнения УХЛ категории 4.2 по ГОСТ 15150 для работы в следующих условиях:

- положение лампы во время горения—любое;
- температура окружающего воздуха от + 10°C до +55°C;
- относительная влажность воздуха не более 70% при 25°C;

- высота над уровнем моря не более 2000 м;
- окружающая среда не должна быть взрывоопасной, насыщенной токо-проводящей пылью и химически активной;
- отсутствие тряски, вибрации, ударов.

4.2. Включение ламп в электрическую сеть производится по схеме, приведенной на

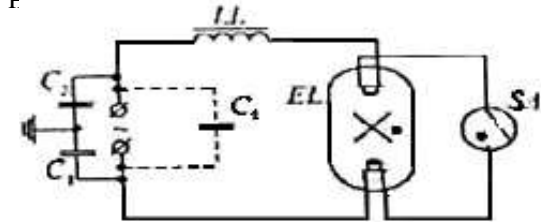


Рис. 2.

EL – Включение ламп в электрическую сеть производится по схеме

SA – стартер;

LL – пускорегулирующий аппарат;

C₁ – компенсирующий конденсатор емкостью 4—6 мкф;

C₂; C₃ – конденсатор ограничения радиопомех емкостью 0,5 мкф.

4.3. Наиболее эффективный режим работы ламп наступает через 15 минут после включения при температуре окружающей среды от +18 до 27 С.

4.4. Понижение или повышение напряжения относительно номинального отрицательно сказывается на работе ламп.

При напряжении менее 180 В лампы не зажигаются, при повышенном напряжении быстро разрушаются электроды и сокращается срок службы ламп.

5. ХРАНЕНИЕ И ТРАНСПОРТИРОВАНИЕ

5.1. Храниться лампы должны в упаковке в закрытом, сухом, проветриваемом помещении при отсутствии в воздухе паров кислот и щелочей. При хранении ламп температура окружающего воздуха должна быть не ниже плюс 5°C и не выше плюс 40°C. Относительная влажность воздуха — не более 80% при температуре окружающей среды 20°C и при более низких температурах без конденсации влаги.

Срок хранения 2 года

Технічна інструкція

№ 5919

Видання: 06/15

Зміни можуть
вноситись без
попередження

Бактерицидні лампи

низького тиску

PURITEC UV-C

HNS 30W G13 OFR

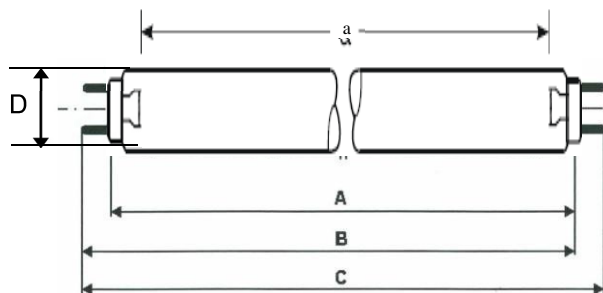
■ Опис продукту та застосування

Лампа OSRAM HNS 30W G13 розроблена для дезінфекції повітря, рідин та поверхонь.

■ Технічні характеристики

Геометричні параметри

Загальна довжина	A _{max}	894.3 мм
Загальна довжина	B _{min}	899.3 мм
Загальна довжина	B _{max}	901.7 мм
Загальна довжина	C _{max}	908.8 мм
Частина колби, що випромінює	a	824 ± 2 мм
Діаметр колби	D _{max}	25.5 ± 2 мм
Цоколь		G13



Електричні параметри

Потужність	30 Вт
Напруга	96 В
Струм	0.37 А

Характеристики спектру

Випромінювання (254 нм)	12.0 Вт
Початкове випром-ня UV-C	> 0.31 Вт/м ² @ 2 м
Термін служби	9000 год
Випром-ня UV-C @ 9000hrs	> 0.24 Вт/м ² @ 2 м
Генерація озону	ні

Умови експлуатації

Позиція горіння	будь-яка
Електронний баласт (ЕПРА для люм. ламп)	30 Вт
Стартер	ST111
Корегувальний конденсатор (для однієї лампи з ЕМПРА)	4.5 мФ
Цикли вмикання/вимикання	50 000

Застереження

Випромінювання ламп HNS викликає опіки шкіри і кон'юнктивіт протягом декількох хвилин. З цієї причини шкіра і очі повинні бути захищені від прямого випромінювання.

Примітка

Наведені технічні дані є номінальними значеннями. Можливі варіації до 10% з окремими лампами.

Спектральний розподіл випромінювання

