



Electrocardiology Product Catalogue

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Introduction

Most acute hospitals require a variety of medical devices for electrocardiography to suit a variety of applications; **today thanks to Cardinal Health, choosing the right one is simple.**








Available in a multiple choice of size, gel-type, material and application specific features such as radiolucency, MR compatibility, skin friendly adhesives and so on, the Cardinal Health Electrodes fit all the needs, helping HCPs to optimize work flow and cost efficiency.

Furthermore the Cardinal health Multifunction Defibrillation Pads include a classic, radio-transparent and pre-connected range, all with multiple functionality including defibrillation, cardioversion, cardiac pacing and monitoring.

Finally, Cardinal Health is proud to introduce the best in class Kendall™ DL, a unique disposable and lead wire system for ECG and telemetry, which supports Healthcare staff in reducing the risk of healthcare associated infections, improving the reliability of signal and avoiding false alarms.

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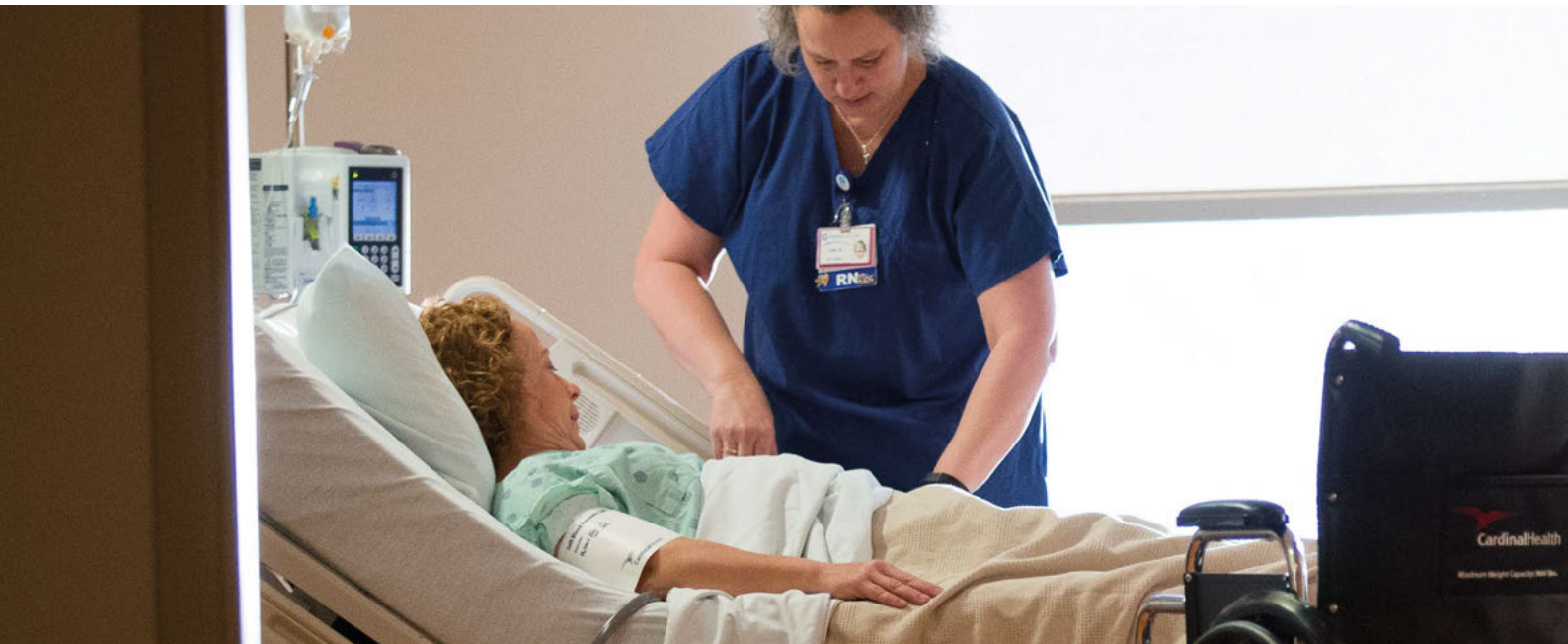
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Gel Type		Special Features	
Liquid		MR Conditional	
Solid		X-Ray Radiolucent	
Conductive Adhesive Hydrogel		Water Resistant	
		Repositionable	

Electrodes for Adults

Short term monitoring

Electrodes



H69P

Code: ES40281-

Main features

- Cloth backing
- Suitable for sensitive skin
- Stud adaptor
- 22 mm square



H59P

Code: ES40076-

Main features

- Cloth backing
- Suitable for sensitive skin
- Stud adaptor
- 38 x 22 mm rectangular



Medi-Trace™ 200

Code: 31050522

Main features

- Foam backing
- Packed in perforated strips of 5
- Stud adaptor
- 36.5 mm tear drop



Medi-Trace™ 530

Code: 31013926-

Main features

- Foam backing
- Pack of 30 loose electrodes
- Stud adaptor
- 45 mm tear drop



Medi-Trace™ 850

Code: 22850-

Main features

- Foam backing
- Packed in perforated strips
- Stud adaptor
- 42 x 37 mm rectangular



H98SG

Code: 31.1986.21

Main features

- Non woven backing
- Suitable for sensitive skin
- Stud adaptor
- 55 mm Ø



Medi-Trace™ 750

Code: 22750

Main features

- Tape backing
- Packed in perforated strips of 10 electrodes
- Stud adaptor
- 45 mm tear drop



Medi-Trace™ 700, 733, 735

Code: 22700, 22733, 22735

Main features

- Tape backing
- Packed in perforated strips of 3 (22733), 5 (22735) and 10 (22700) electrodes
- Stud adaptor
- 45 mm tear drop



Electrodes for Adults

Holter and long term monitoring Electrodes



H92SG

Code: 31.1925.21

- Main features
- Foam backing
 - Multi-purpose electrode
 - Stud adaptor
 - 57 x 34 mm Oval



H34SG

Code: 31.1946.21

- Main features
- Foam backing
 - Shower and water resistant
 - 72 h wearable
 - Stud adaptor
 - 50 x 45 mm tear drop



H124SG

Code: 31.1245.21

- Main features
- Foam backing
 - Suitable for neurology and pediatric application
 - Stud adaptor
 - 30 x 24 mm Ø



H91TSG

Code: 31.1915821

- Main features
- Foam backing
 - Strong adhesion
 - Stud adaptor
 - 57 x 34 mm Oval



H135TSG

Code: 31.1355821

- Main features
- Foam backing
 - Strong adhesion
 - Stud adaptor
 - 43 x 35 mm Ø



H93SG

Code: 31.1935.21

- Main features
- Foam backing
 - Stud adaptor
 - 42 x 24 mm oval



Electrodes for Adults

Stress test long term Electrodes



H91SSG

Code: 31.1917.21

Main features

- Foam backing
- Strong adhesive
- Stud adaptor
- 57 x 34 mm oval



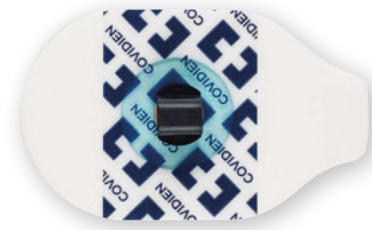
H34LG

Code: 31.1345.21

Main features

- Foam backing
- Shower and water resistant
- 72 h wearable
- Stud adaptor
- 50 x 45 mm tear drop



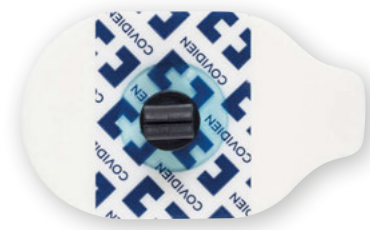


H914SG

Code: 31.1914.21

Main features

- Foam backing
- Banana adaptor
- 57 x 34 mm oval



H914TSG

Code: 31.1914821

Main features

- Foam backing
- Banana adaptor
- 57 x 34 mm oval



H66LG

Code: 31.1663.21

Main features

- Foam backing
- Stud adaptor
- 55 mm Ø



H135LG

Code: 31.1413.21

Main features

- Foam backing
- Also suitable for stress test
- Stud adaptor
- 40 mm Ø



H664LG

Code: 31.1664.21

Main features

- Foam backing
- Also suitable for stress test
- Banana adaptor
- 55 mm Ø



H1354LG

Code: 31.1414.21

Main features

- Foam backing
- Also suitable for stress test
- Banana adaptor
- 40 mm Ø



H99SG

Code: 31.1996.21

Main features

- Non woven backing
- Suitable for sensitive skin
- Stud adaptor
- 55 mm Ø



H98LG

Code: 31.1985.21

Main features

- Non woven backing
- Suitable for sensitive skin
- Stud adaptor
- 55 mm Ø



H99LG

Code: 31.1995.21

Main features

- Non woven backing
- Multi-purpose electrode
- Suitable for sensitive skin
- Stud adaptor
- 55 mm Ø



H70LG

Code: 31.1705.21

Main features

- Non woven backing
- Multi-purpose extra large electrode suitable for bariatric patients
- Stud adaptor
- 70 mm Ø





Medi-Trace™ 100 and 133

Code: 31118733 and 31439725-

Main features

- Foam backing
- Smaller version of Medi-Trace™ 200
- Version 100 Packed in perforated strips of 5
- Stud adaptor
- 30 mm tear drop

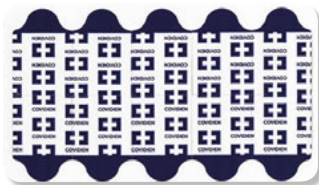


Medi-Trace™ 510

Code: EF00149

Main features

- Polypropylene backing
- Tab electrode
- 33 x 32 mm



Q-Trace™ 5400

Code: 31433538--

Main features

- Polyester backing
- Tab electrode
- 22 x 31 mm



Q-Trace™ 5500

Code: 30807732-

Main features

- Polyester backing
- Tab electrode
- 23 x 25 mm



Electrodes for Adult Summary

Example of
banana adaptor



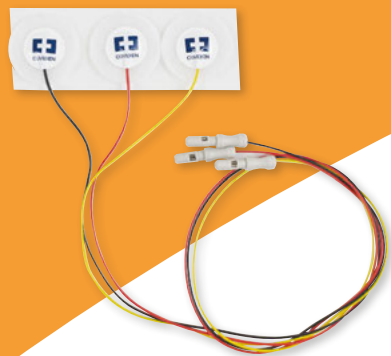
Example of
stud adaptor



Code	Match code	Application	Duration of Use	Gel type	Material	Stud	MRI compatible	X-Ray translucent	Repositionable	Water resistant	Size (mm)	Shape	Quantity Pouch/Case
22700	Medi-Trace™ 700	Snap/Monitoring	Short Term	Hydrogel	Tape	Stainless steel					45	Tear Drop	50/1000
22733	Medi-Trace™ 733	Snap/Monitoring	Short Term	Hydrogel	Tape	Stainless steel					45	Tear Drop	50/1000
22735	Medi-Trace™ 735	Snap/Monitoring	Short Term	Hydrogel	Tape	Stainless steel					45	Tear Drop	50/1000
22750	Medi-Trace™ 750	Snap/Monitoring	Short Term	Hydrogel	Tape	Carbon/Radiolucent	Yes	Yes			45	Tear Drop	50/1000
22850-	Medi-Trace™ 850	Snap/Monitoring	Short Term	Hydrogel	Foam	Carbon/Radiolucent	Yes	Yes			42 x 37	Rectangular	50/1000
30807732-	Q-Trace™ 5500	Diagnostic/Resting	Short Term	Hydrogel	Polyester	n/a	Yes	Yes			23 x 25	Tab	100/2000
31013926-	Medi-Trace™ 530	Monitoring	Short Term	Hydrogel	Foam	Stainless steel					45	Tear Drop	30/600
31050522	Medi-Trace™ 200	Monitoring	Short Term	Hydrogel	Foam	Stainless steel					36.5 x 36.5	Tear Drop	100/1000
31118733	Medi-Trace™ 100	Monitoring	Short Term	Hydrogel	Foam	Stainless steel					30	Tear Drop	100/1000
31433538--	Q-Trace™ 5400	Diagnostic/Resting	Short Term	Hydrogel	Polyester	n/a	Yes	Yes			22 x 31	Tab	100/4000
31439725-	Medi-Trace™ 133	Monitoring	Short Term	Hydrogel	Foam	Stainless steel					30	Tear Drop	3/600
31.1245.21	H124SG	Monitoring	Long Term	Solid	Foam	Stainless steel					30 x 24	Round	50/500
31.1345.21	H34LG	Monitoring/Stress test	Long Term	Liquid	Foam	Stainless steel				Yes	50 x 45	Tear Drop	30/300
31.1355.21	H135SG	Monitoring	Long Term	Solid	Foam	Stainless steel					43 x 35	Round	50/500
31.1355821	H135TSG	Monitoring	Long Term	Solid	Foam	Carbon Filled Plastic	Yes	Yes			43 x 35	Round	50/500
31.1413.21	H135LG	Diagnostic	Short Term	Liquid	Foam	Stainless steel					40	Round	30/300
31.1414.21	H1354LG	Diagnostic	Short Term	Liquid	Foam	Stainless steel					40	Round	20/200
31.1663.21	H66LG	Diagnostic	Short Term	Liquid	Foam	Stainless steel					55	Round	30/300
31.1664.21	H664LG	Diagnostic	Short Term	Liquid	Foam	Stainless steel					55	Round	20/200
31.1914.21	H914SG	Diagnostic/Resting	Short Term	Solid	Foam	Stainless steel					57 x 34	Oval	30/300
31.1914821	H914TSG	Diagnostic/Resting	Short Term	Solid	Foam	Carbon Filled Plastic	Yes	Yes			57 x 34	Oval	20/200
31.1915821	H91TSG	Monitoring	Long Term	Solid	Foam	Carbon Filled Plastic	Yes	Yes			58 x 34	Oval	50/500
31.1705.21	H70LG	Diagnostic	Short Term	Liquid	Foam	Stainless steel					70	Round	30/300
31.1917.21	H91SSG	Monitoring/Stress test	Long Term	Solid	Foam	Stainless steel					58 x 34	Oval	50/500
31.1925.21	H92SG	Monitoring	Long Term	Solid	Foam	Stainless steel					59 x 34	Oval	50/500
31.1935.21	H93SG	Monitoring	Long Term	Solid	Foam	Stainless steel					42 x 24	Oval	50/500
31.1946.21	H34SG	Monitoring	Long Term	Solid	Foam	Carbon Filled Plastic	Yes	Yes		Yes	50 x 45	Tear Drop	30/300
31.1985.21	H98LG	Diagnostic	Short Term	Liquid	Foam	Stainless steel					55	Round	30/300
31.1986.21	H98SG	Monitoring	Short Term	Solid	Foam	Stainless steel					55	Round	30/300
31.1995.21	H99LG	Diagnostic	Short Term	Liquid	Foam	Stainless steel					55	Round	30/300
31.1996.21	H99SG	Diagnostic	Short Term	Solid	Foam	Stainless steel					55	Round	30/300
EF00149	Medi-Trace™ CA510	Diagnostic	Short Term	Hydrogel	Polypropylene	n/a		Yes			33 x 32	Tab	100/1000
ES40076-	Medi-Trace™ H59P	Snap/Monitoring	Short Term	Hydrogel	Cloth	Stainless steel			Yes		38 x 22	Rectangular	30/450
ES40281-	Medi-Trace™ H69P	Snap/Monitoring	Short Term	Hydrogel	Cloth	Stainless steel			Yes		22	Square (Round corners)	30/450

Electrodes for Children

Neonatal Electrodes

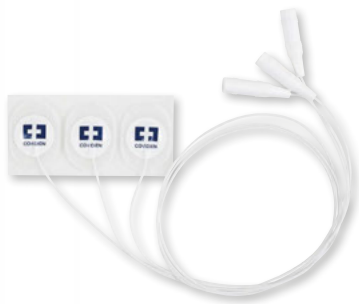


H87PG/F

Code: 31.5872.04

Main features

- Non woven backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 30 mm Ø

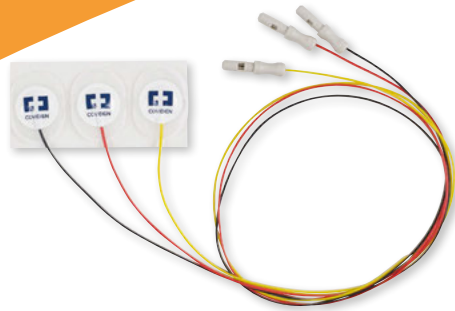


H203PG

Code: 31.5032.26

Main features

- Non woven backing
- Suitable for incubator
- Lead length 60 cm
- 4 mm banana socket
- 30 x 22 mm oval

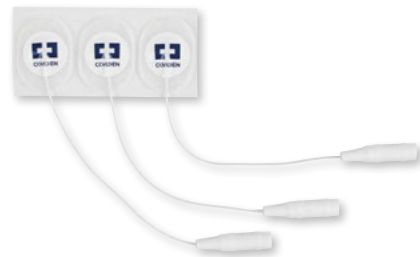


H207PG/F

Code: 31.5072.03

Main features

- Non woven backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 30 x 22 mm oval

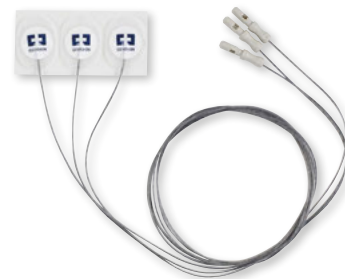


H203PGK

Code: 31.5033.26

Main features

- Non woven backing
- Suitable for incubator
- Lead length 60 cm
- 4 mm banana socket
- 30 x 22 mm oval

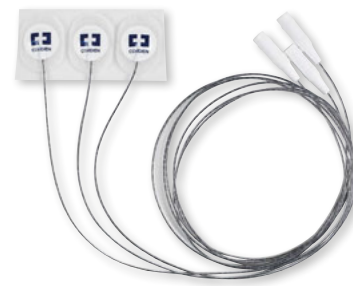


H207PGT

Code: 31.5072824

Main features

- Non woven backing
- Suitable for incubator
- Lead length 90 cm
- 1.5 mm DIN safety plug
- 30 x 22 mm oval

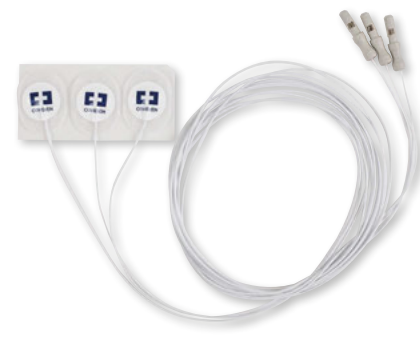


H203PGT

Code: 31.5039124

Main features

- Non woven backing
- Suitable for incubator
- Lead length 90 cm
- 4 mm banana socket
- 30 x 22 mm oval



H207PGN

Code: 31.5072.26

Main features

- Non woven backing
- Lead length 150 cm
- 1.5 mm DIN safety plug
- 30 x 22 mm oval

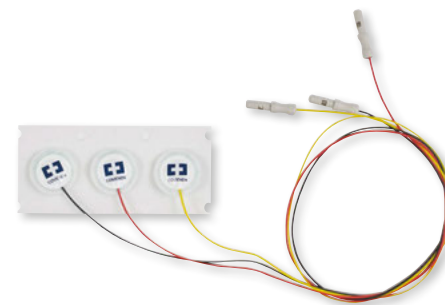


H207H

Code: 31.3076.26

Main features

- Non woven tape backing
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 30 x 22 mm oval

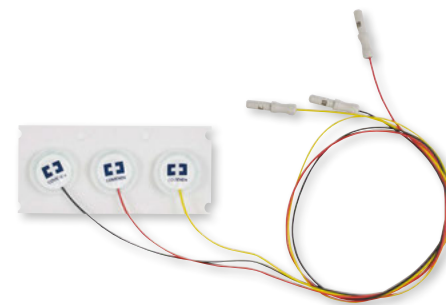


H27H/F

Code: 31.3276.03

Main features

- Non woven tape backing
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 24 mm Ø



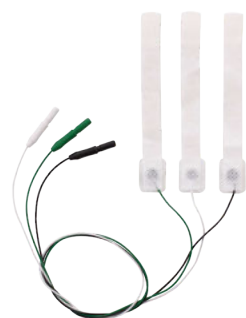
H87H/F

Code: 31.3876.04

Main features

- Non woven tape backing
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 30 mm Ø



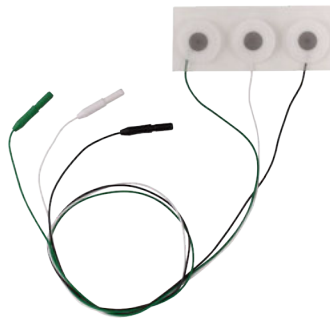


L36-LB

Code: EP30016

Main features

- Cloth backing
- Suitable for prematures and incubator
- Integrated fastening band
- Lead length 45.7 cm
- 1.5 mm DIN safety plug
- 22 x 17 mm rectangular

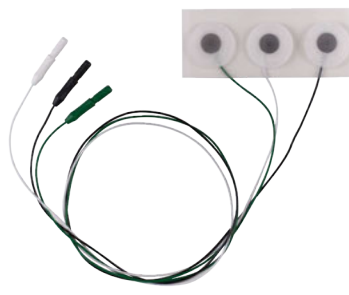


1050NPSM

Code: 31424768

Main features

- Cloth backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 30 mm Ø

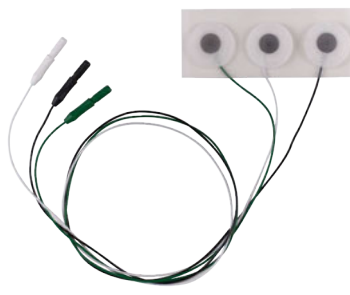


1051NPSM

Code: 31424743

Main features

- Cloth backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 25 mm Ø

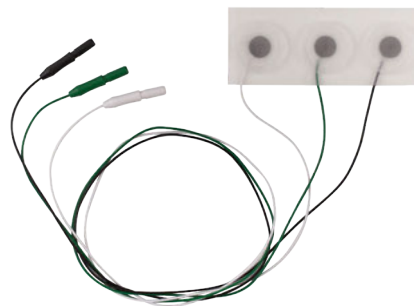


1050NPM

Code: EP00777-

Main features

- Cloth backing
- Suitable for pediatric use and incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 25 mm Ø

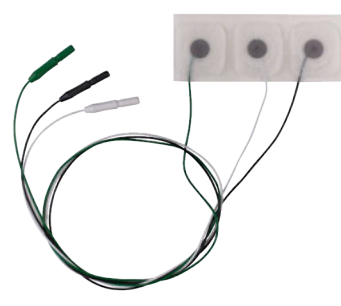


1041PTS

Code: 31424780

Main features

- Transparent tape backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 25 mm Ø

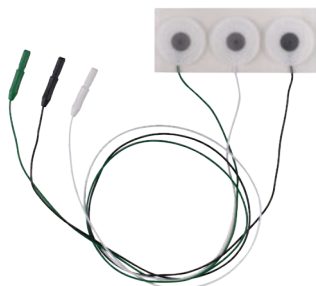


1042PTS

Code: 31424785

Main features

- Transparent tape backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 30 x 25 mm rectangular

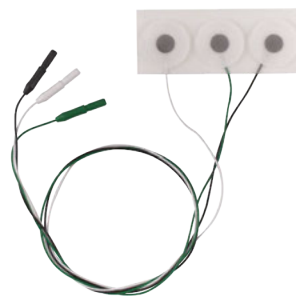


1052NPSM

Code: 31424735

Main features

- Cloth backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 28 mm Ø

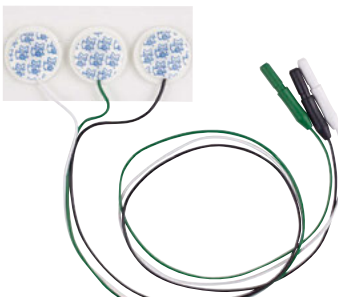


1053NPSM

Code: 31424719

Main features

- Cloth backing
- Suitable for incubator
- Lead length 60 cm
- 1.5 mm DIN safety plug
- 28 mm Ø

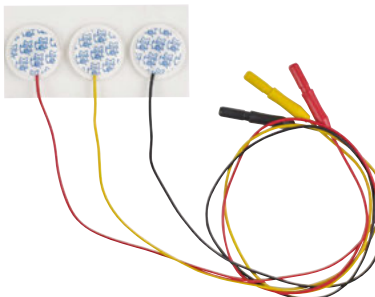


4103

Code: 30710001

Main features

- Foam backing
- Suitable for incubator
- Lead length 45.7 cm
- 1.5 mm DIN safety plug
- 23 mm Ø

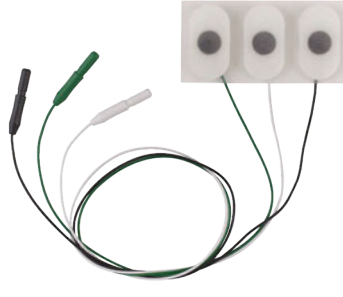


4203

Code: 31368072

Main features

- Foam backing
- Suitable for incubator
- Lead length 45.7 cm
- 1.5 mm DIN safety plug
- 23 mm Ø



4105

Code: 31086575

Main features

- Foam backing
- Suitable for incubator
- Lead length 45.7 cm
- 1.5 mm DIN safety plug
- 20 x 30 mm oval



Electrodes for Children Summary



Code	Match code	Patient indi- cation	Gel type	Material	Lead length	Connector Type	Colour of wires	X-Ray translucent	Repositionable	Incubator	Size (mm)	Shape	Quantity Pouch/Case
31.5039124	H203PGT	Neonatal	Solid	Non-woven	90 cm	4 mm banana socket	None	Yes	Yes	Yes	30 x 22	Oval	3/90
31.5072824	H207PGT	Neonatal	Solid	Non-woven	90 cm	1.5 mm, DIN connector	None	Yes	Yes	Yes	30 x 22	Oval	3/90
31.3076.26	H207H	Neonatal	Solid	Non-woven	60 cm	1.5 mm, DIN connector	○	No	Yes	No	30 x 22	Oval	15/120
31.3276.03	H27H/F	Neonatal	Solid	Non-woven	60 cm	1.5 mm, DIN connector	● ● ●	No	Yes	No	24 x 24	Round	3/120
31.3876.04	H87H/F	Neonatal	Solid	Non-woven	60 cm	1.5 mm, DIN connector	● ● ●	No	Yes	No	30 x 30	Round	3/120
31.5032.26	H203PG	Neonatal	Solid	Non-woven	60 cm	4 mm banana socket	○	No	Yes	Yes	30 x 22	Oval	15/120
31.5033.26	H203PGK	Neonatal	Solid	Non-woven	60 cm	4 mm banana socket	○	No	Yes	Yes	30 x 22	Oval	15/120
31.5072.03	H207PG/F	Neonatal	Solid	Non-woven	60 cm	1.5 mm, DIN connector	● ● ●	No	Yes	Yes	30 x 22	Oval	3/120
31.5072.26	H207PGN	Neonatal	Solid	Non-woven	150 cm	1.5 mm, DIN connector	○	No	Yes	No	30 x 22	Oval	10/100
31.5872.04	H87PG/F	Neonatal	Solid	Non-woven	60 cm	1.5 mm, DIN connector	● ● ●	No	Yes	Yes	30 x 30	Round	3/120
31424780	1041PTS	Neonatal	Hydrogel	Transparent Tape	60 cm	1,5 mm, DIN connector	● ● ○	Yes	Yes	Yes	25 x 25	Round	3/300
31424785	1042PTS	Neonatal	Hydrogel	Transparent Tape	60 cm	1.5 mm, DIN connector	● ● ○	Yes	Yes	Yes	30 x 25	Rectangular	3/300
31424768	1050NPSM	Neonatal	Hydrogel	Cloth	60 cm	1.5 mm, DIN connector	● ● ○	No	Yes	Yes	30 x 30	Round	3/300
31424743	1051NPSM	Neonatal	Hydrogel	Cloth	60 cm	1.5 mm, DIN connector	● ● ○	Yes	Yes	Yes	25 x 25	Round	3/300
31424735	1052NPSM	Neonatal	Hydrogel	Cloth	60 cm	1.5 mm, DIN connector	● ● ○	No	Yes	Yes	28 x 28	Round	3/300
31424719	1053NPSM	Neonatal	Hydrogel	Cloth	60 cm	1.5 mm, DIN connector	● ● ○	Yes	Yes	Yes	28 x 28	Round	3/300
30710001	4103	Neonatal	Hydrogel	Foam	45.7 cm	1.5 mm, DIN connector	● ● ○	No	Yes	Yes	23 x 23	Round	3/300
31368072	4203	Neonatal	Hydrogel	Foam	45.7 cm	1.5 mm, DIN connector	● ● ●	No	Yes	Yes	23 x 23	Round	3/300
31086575	4105	Neonatal	Hydrogel	Foam	45.7 cm	1.5 mm, DIN connector	● ● ○	No	Yes	Yes	20 x 30	Oval	3/300
EP00777-	1050NPM	Pediatric	Hydrogel	Cloth	60 cm	1.5 mm, DIN connector	● ● ○	No	Yes	Yes	25 x 25	Round	3/300
EP30016	LB36	Prematures	Hydrogel	Cloth	45.7 cm	1.5 mm, DIN connector	● ● ○	No	Yes	Yes	22 x 17	Rectangular	3/300

Electrodes for Polysomnography



The Cardinal Health PSG (polysomnography) disposable electrodes meet the specific requirements of sleep lab polysomnography applications.

Key features include:

- Excellent electrical performance for PSG applications
- Strong adhesion with little or no lift over a 24 hour period
- Ready to use straight from the packet

Suitable for adult and children the Cardinal Health PSG electrodes have been designed with patient comfort in mind.

- Small size (33 x 24 mm) for easy placement on facial area
- Liquid gel for better skin contact
- Soft polyethylene foam for facial comfort and conformability
- Pressure sensitive adhesive
- Integrated lead wire for patient convenience and comfort

Code	Match code	Description	Quantity Pouch/ Carton
31.6071.26	H207LG/F60	Electrode for PSG applications with integrated 60 cm lead wire red, yellow, black	12/180
31.6072.26	H207LGN	Electrode for PSG applications with integrated 150 cm lead wire white	10/140
31.6073.26	H207LG/F150	Electrode for PSG applications with integrated 150 cm lead wire red, yellow, black	12/180
31.6074.26	H207LG/F200	Electrode for PSG applications with integrated 150 cm lead wire red, yellow, black	6/90



Multi Function Defibrillation Electrodes Medi-Trace™ Classic

The Medi-Trace™ Multi Function ‘Classic’ electrodes are compatible with most defibrillators on the market, including older models.

Key features include:

- Water resistant foam substrate easily conforms to body contours
- Strong adhesive and conductive hydrogel provides long term stable electrical performance and high tack, but stays friendly to the patient’s skin¹
- Radiotranslucent except for leadwire and connector assembly
- Prewired models plug directly in to the defibrillator while unwired models connect using the original manufacturers interface cable, no additional adaptor necessary
- Compatible with mono and bi-phasic waveforms

Code	Match Code	May be used in place of:	Quantity/ Pouch	Pairs/ Case
31319281*	1310P	Medtronic Physio-Control Quik-Combo™ Pacing/Defi/EKG Electrodes 11996-000091	1 Pair	10
31177721	1210H	Philips™ (Hewlett Packard) M3501A and M3502A Barrel Connector Multifunction Adult Electrodes	1 Pair	10
31469219*	1410Z	Zoll Stat-Padz™ 8900-2100-01, 8900-2303-01 and 8900-2055 Multifunction Adult Electrodes	1 Pair	10
31319315	1510M	Marquette™ E9004BT, E9004BW GE Medical Multifunction Adult Electrodes	1 Pair	10
31177705*	1010P	Medtronic Physio-Control Fast Patch™ Defibrillation, ECG Monitoring Electrodes	1 Pair	10
40000006	1710H	Philips™ DP2, DP6, Agilent* M3713A, Multifunction Adult Electrode & Laerdal Medical™ DP2 & DP6 Multifunction Adult Electrodes	1 Pair	10

* for use on patients >10Kg



Multi Function Defibrillation Electrodes

Multi Function Defibrillation Electrodes Medi-Trace™ Cadence RTS (radio-transparent)

The Oval-shaped Medi-Trace™ Cadence RTS electrodes provide excellent radiotransparency as well as a patented gradient technology in order to disperse energy accurately and uniformly during emergency defibrillation situations. Additional features include:

Key features include:

- Direct connection to equipment
- Patented Gradient Technology and oval shape designed to dispense energy uniformly
- Compatibility to OEM equipment to eliminate need for special adaptors or cable manipulation
- Colour coded packaging and connector
- Illustrations for quick and easy identification of product
- Up to 117 cm long integrated leads to allow for more comfortable work with the product
- Conductive layer made of Ag/AgCl

Code	May be used in place of:	Quantity/ Pouch	Pairs/ Case
22550A-	Physio-Control Quik-Combo™ 11996-000091	1 Pair	10
22550R-	Physio-Control Quik-Combo™ RTS11996-000090	1 Pair	10
22550P-	Physio-Control Pediatric Quik-Combo™ 11996-000093	1 Pair	5
22770R-	Zoll Pro-Padz™ 8900-2100-01, 8900-4005, 8900-2303-01, 8900-2055	1 Pair	10
22770P	Zoll Pedi-Padz™ 8900-2065, 8900-3000-01	1 Pair	5
22660R-	Philips™ M3713A, M3716A & M3718A, DP2, DP6	1 Pair	10
22660P	Philips™ M3717A, M3719A	1 Pair	10
22661R	Philips™ (HP) Pediatric M3501A, M3502A	1 Pair	10
22661P	Philips™ (HP) Pediatric M3503A	1 Pair	5



Multi Function Defibrillation Electrodes **Medi-Trace™ Cadence PC** (pre-connect)

Designed specifically for emergency applications, the Medi-Trace™ Cadence-PC enables a fast clinical response thanks to the convenient pre-connect feature, allowing connection directly to the defibrillator before it is necessary to open the pouch.

Key features include:

- Patented Gradient Technology and oval shape designed to dispense energy uniformly
- Up to 117 cm long integrated leads to allow for more comfortable work with the product
- Colour coded packaging and connector
- Illustrations for quick and easy identification of product
- Compatibility to OEM equipment to eliminate need for special adaptors or cable manipulation
- Conductive layer made of Ag/AgCl
- Conductive surface of a single adult electrode is 102 cm² or 204 cm² per pair
- Full compliance to ANSI/AAMI DF80:2003 standard even after prolonged external pacing
- Extended two year shelf life



Code	May be used in place of:	Quantity/ Pouch	Pairs/ Case
22550PC	Physio-Control Redi-Pak™ 11996-000017	1 Pair	10
22660PC	Philips™ 989803166021	1 Pair	10
22661PC	Philips™ (HP) Barrel Connector M3501A & M3502A	1 Pair	5
22770PC	Zoll Stat-Padz™ 8900-4003	1 Pair	10



Multi Function Defibrillation Electrodes

Kendall™ DL

Disposable ECG Cable and Lead Wire System



Kendall™ DL is an innovative single-patient electrode solution that stays with patients for as long as needed – from admission to discharge – as they make their journey through the care continuum. Kendall DL helps the healthcare staff.

Key features include:

- To reduce the risk of cross contamination preventing healthcare associated infections³
- To reduce the risk of ‘leads off’ false alarms⁴
- To improve patient comfort and hygiene
- To reduce electromagnetic interference

IEC	(AAMI)	Description
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Lead Sets

33103EG	33103EB	Kendall™ DL Disposable Cable and Lead Wire System (3 Lead Set with green lead) x 10 (3 Lead Set with black lead) x 10
33105E	(33105)	Kendall™ DL Disposable Cable and Lead Wire System (5 Lead Set) x 10
33110E	(33110)	Kendall™ DL Disposable Cable and Lead Wire System (10 Lead Set, V and chest leads) x 5
33111E	(33111)	Kendall™ DL Disposable Cable and Lead Wire System (5 Lead Set, V leads) x 10

Dual Connect Lead Wires

33135E	(33135)	Kendall™ DL Disposable Cable and Lead Wire System (5 Lead Dual Connect, Adaptor Required) x 5
33136E	(33136)	Kendall™ DL Disposable Cable and Lead Wire System (5 Lead Dual Connect) x 25
–	(33145)	Kendall™ DL Disposable Cable (5 Lead Dual Connect)

Radiolucent Disposable Lead Sets

–	(33136R36)	Kendall™ DL Disposable Lead Set 5 Lead, Radiolucent 36" (0.9m) x10
–	(33136R72)	Kendall™ DL Disposable Lead Set 5 Lead, Radiolucent 72" (1.8m) x10
–	(33136RV36)	Kendall™ DL Disposable Lead Set 5 V Lead, Radiolucent 36" (0.9M) x10

Telemetry Lead Sets

IEC	(AAMI)	Description
33112E	(33112)	Kendall™ DL Disposable Direct Connect x 10 For use with 5 Lead Telemetry System manufactured by GE Medical Systems Information Technologies, Inc., under its trademark ApexPro™
33113E	(33113)	Kendall™ DL Disposable Direct Connect x 10 For use with 5 Lead Telemetry System manufactured by Koninklijke Philips Electronics N.V. under its trademark Veridia™
33114E	(33114)	Kendall™ DL Disposable Lead System x 10 For use with 5 Lead Telemetry Systems manufactured by Koninklijke Philips Electronics N.V. under its trademark IntelliVue™
–	(33125)	Kendall™ DL Disposable Lead System x 10 For use with 6 Lead CH Telemetry System manufactured by GE Medical Systems Information Technologies, Inc., under its trademark ApexPro™
–	(33126)	Kendall™ DL Disposable Lead System x 10 For use with 6 Lead FH Telemetry Systems manufactured by GE Medical Systems Information Technologies, Inc., under its trademark ApexPro™
–	(33132)	Kendall™ DL Disposable Cable and Lead Wire System x 10 For use with 5 Lead Draeger Medical, Inc., Dual Pin Cables
–	(33133)	Kendall™ DL Disposable Cable and Lead Wire System x 10 For use with 5 Lead Spacelabs Healthcare Telemetry Systems
–	(33134)	Kendall™ DL Disposable Cable and Lead Wire System x 10 For use with 6 Lead Nihon Kohden Telemetry Systems
–	(33147)	Disposable 5 Lead x100 For use with Philips IntelliVue™ MX40 Telemetry System – Direct Connect
–	(33148)	Disposable 6 Lead x100 For use with Philips IntelliVue™ MX40 Telemetry System – Direct Connect
–	(33149)	Disposable 5 Lead x100 For use with Philips IntelliVue™ MX40 Telemetry System, compatible with Nellcor or Masimo SpO ₂ Sensors - Direct Connect
–	(33150)	Disposable 6 Lead x100 For use with Philips IntelliVue™ MX40 Telemetry System, compatible with Nellcor or Masimo SpO ₂ Sensors - Direct Connect
–	(33151)	Disposable 5 Lead x100 For use with Philips IntelliVue™ MX40 Telemetry System, compatible with Philips SpO ₂ Sensors - Direct Connect
–	(33152)	Disposable 6 Lead x100 For use with Philips IntelliVue™ MX40 Telemetry System, compatible with Philips SpO ₂ Sensors - Direct Connect

Kendall™ DL Disposable ECG Cable and Lead Wire System

Adaptors

Code	Description
33500	Kendall™ DL 6 Pin Adaptor (5 Lead, No Resistors)
33501	Kendall™ DL 6 Pin Adaptor (3 Lead (1316), No Resistors)
33502	Kendall™ DL 6 Pin Adaptor (3 Lead (1355), No Resistors)
33503	Kendall™ DL 6 Pin Adaptor (5 Lead, Resistors)
33504	Kendall™ DL 6 Pin Adaptor (3 Lead, Resistors)
33505	Kendall™ DL 11 Pin Adaptor For use with 12 Lead monitors manufactured by GE Medical Systems Information TechNologies, Inc.
33506	Kendall™ DL 11 Pin Adaptor For use with 3/5 Lead monitors manufactured by GE Medical Systems Information TechNologies, Inc.
33507	Kendall™ DL 12 Pin Adaptor For use with 12 pin connector monitors manufactured by Koninklijke Philips Electronics N.V.
33508	Kendall™ DL 8 Pin Adaptor For use with 8 pin connector monitors manufactured by Koninklijke Philips Electronics N.V.
33509	Kendall™ DL 17 Pin Adaptor For use with 5 Lead monitors manufactured by Spacelabs Medical, Inc.
33510	Kendall™ DL 17 Pin Adaptor For use with 3 Lead monitors manufactured by Spacelabs Medical, Inc.
33511	Kendall™ DL Adaptor For use with 12 Lead monitors manufactured by GE Medical Systems Information TechNologies, Inc., under its trademark Hellige™
33512	Kendall™ DL Adaptor For use with 12 Lead monitors manufactured by Hewlett Packard under its trademark Pagewriter™
33518	Kendall™ DL Adaptor For use with 12/20 5 lead monitors manufactured by Physio-Control, Inc, under its trademark Lifepak™
33519	Kendall™ DL Adaptor For use with 12/20 3 lead monitors manufactured by Physio-Control, Inc, under its trademark Lifepak™
33520	Kendall™ DL Adaptor For use with 10 pin, 5 Lead monitors manufactured by GE Healthcare Finland Oy under its trademark Datex-Ohmeda™

33521	Kendall™ DL Adaptor For use with 10 pin, 3 Lead monitors manufactured by GE Healthcare Finland Oy under its trademark Datex-Ohmeda™
Code	Description
33522	Kendall™ DL Adaptor (5 Lead) For use with Telemetry Systems manufactured by Koninklijke Philips Electronics N.V. under its trademark Viridia™
33523	Kendall™ DL Adaptor (5 Lead) For use with Telemetry Systems manufactured by GE Medical Systems Information TechNologies, Inc., under its trademark Apex™
33524	Kendall™ DL Adaptor (5 Lead) For use with Telemetry Systems manufactured by Spacelabs Medical Inc.
33525	Kendall™ DL Adaptor (5 Lead) For use with dual-pin bedside cables manufactured by Draeger Medical Inc.
33526	Kendall™ DL Adaptor (5 Lead) For use with Telemetry Systems manufactured by Koninklijke Philips Electronics N.V. under its trademark IntelliVue™
33527	Kendall™ DL Adaptor (5 Lead) For use with Telemetry Systems manufactured by Mindray DS USA, Inc., under its trademark PaNorama™
33528	Kendall™ DL Adaptor (12 Lead) For use with 12 pin connector monitors manufactured by Koninklijke Philips Electronics N.V. under its trademark IntelliVue™
33529	Kendall™ DL Adaptor For use with 12 Lead Ultraview monitors manufactured by Spacelabs Medical Inc.
33530	Kendall™ DL Adaptor For use with 5 or 6 Lead Telemetry Systems manufactured by Draeger Medical, Inc. under its trademark Infinity™
33531	Kendall™ DL Adaptor For use with 11 pin, 3 Lead monitors manufactured by GE Medical Systems Information TechNologies, Inc.
33532	Kendall™ DL Adaptor For use with 6 CH Lead Telemetry Systems manufactured by GE Medical Systems Information TechNologies, Inc., under its trademark ApexPro™
33533	Kendall™ DL Adaptor For use with FH 6 Lead Telemetry Systems manufactured by GE Medical Systems Information TechNologies, Inc., under its trademark ApexPro™
33534	Kendall™ DL Adaptor For use with Telemetry Systems manufactured by Nihon Kohden
33535	Kendall™ High Frequency 5 Lead Adaptor For use with monitors manufactured by Koninklijke Philips Electronics N.V.



Code	Description
33536	Kendall™ DL Adaptor Can be used with Telemetry Systems manufactured by GE Medical Systems Information TechNologies, Inc., under their trademarks MAC™ 5000 and MAC™ 5500
33537	Kendall™ DL Adaptor For use with 5 Lead Welch Allyn™ Micropaq Telemetry Systems
33538	Kendall™ High Frequency 5 Lead Adaptor For use with 12 lead monitors manufactured by Schiller™
33541	Reusable Adaptor 5 Lead For use with Philips IntelliVue™ MX40 Telemetry System
33542	Reusable Adaptor 6 Lead For use with Philips IntelliVue™ MX40 Telemetry System
33543	Reusable Adaptor 5 Lead For use with Philips IntelliVue™ MX40 Telemetry System compatible with Nellcor or Masimo SpO ² Sensors
33544	Reusable Adaptor 6 Lead For use with Philips IntelliVue™ MX40 Telemetry System compatible with Nellcor or Masimo SpO ² Sensors
33546	Reusable Adaptor 6 Lead For use with Philips IntelliVue™ MX40 Telemetry System compatible with Philips SpO ² Sensors
33547	Kendall™ DL Adaptor For use with 10 pin, 3 or 5 Lead Telemetry Systems manufactured by Draeger Medical Inc. under its trademark M300
33550	Kendall™ DL Adaptor For use with 10 pin, 3 Lead Telemetry Systems manufactured by Nihon Kohden
33551	Kendall™ DL Adaptor For use with 3 or 5 Lead Telemetry Systems manufactured by Draeger Medical Inc. under its trademark Infinity

References

1. A Reduced Skin-Irritation Defibrillation Electrode” – 30th Annual Northeast Bioengineering Conference, Springfield, MA, USA, 2004 – P.F. Meyer, P.D. Gadsby, D. Van Sickle, W.E. Schoenlein, K.S. Foster, and G.P. Graber
2. Study on the X-ray transmission properties of defibrillation electrodes”, performed by Biomedical Engineering Department at Purdue University, USA, July 2003.
3. Lankiewicz Ja, Wong Tb, Moucharite Mb. The relationship between a single-patient-use electrocardiograph cable and lead system and coronary artery bypass graft surgical site infection within a Medicare population. American Journal of Infection Control (AJIC) Available online 7 March 2018 [http://www.ajicjournal.org/article/S0196-6553\(18\)30068-3/fulltext](http://www.ajicjournal.org/article/S0196-6553(18)30068-3/fulltext)
4. Albert el al (2013) “Randomized Controlled Trial of Differences in Artifact/Noise in Disposable versus Reusable Electrocardiography”. Abstract presented at the AACN National Teaching Institute, Boston, MA May 21, 2013. Abstract Wires.

Electrocardiology Product Catalogue

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