HeartRode ECG Electrode

Characteristics

- Uses Ag/AgCl sensor for optimal measuring of physiological signal
- Uses biocompatible adhesive and hydrogel for harmless to patients
- OEM/ODM partnership with global companies
- Easy and clean to remove from the skin without any residue after use
- Various usages for sensing and stress monitoring
- Supplying OEM Tab Electrode is feasible

Pack (50pcs)

Certificates

ISO 13485 KFDA CE FDA

Tab electrode

HR-OP37

HR-OP42

HR-OC42

HR-OPR42

HR-OCR42

HR-OP55

Specification

Model	Size(mm)	Material	Recommended Applications	Packing
HR-OP37	Ø32 Tear drop	PE foam, Ag/AgCl sensor Nickel plated brass snap Solid hydrogel	General type, Strong adhesive, Pediatrics	50 pcs / Pack 20 packs / Inbox 10 inboxes / Carton
HR-OP42	Ø43 Oval		General type, Strong adhesive, Adults	
HR-OP55	Ø55 Oval		General type, Strong adhesive, Adult, Suitable for stress test	
HR-OC37	Ø32 Tear drop	Non-woven fabric Ag/AgCl sensor Nickel plated brass snap Solid hydrogel	For sensitive skin, Pediatrics	
HR-OC42	Ø43 Oval		For sensitive skin, Adults	
HR-OC55	Ø55 Oval		For sensitive skin, Adults, Suitable for stress test	
HR-OPR37	Ø32 Tear drop	PE foam, Ag/AgCl sensor Carbon snap Solid hydrogel	Radiolucent, Suitable for X-ray, CT and MRI, Pediatrics	
HR-OPR42	Ø43 Oval		Radiolucent, Suitable for X-ray, CT and MRI, Adults	
HR-OPR55	Ø55 Oval		Radiolucent, Suitable for X-ray, CT and MRI, Adults, Suitable for stress test	
HR-OCR37	Ø32 Tear drop	Non-woven fabric Ag/AgCl sensor Carbon snap Solid hydrogel	Radiolucent, For sensitive skin, Suitable for X-ray, CT and MRI, Pediatrics	
HR-OCR42	Ø43 Oval		Radiolucent, For sensitive skin, Suitable for X-ray, CT and MRI, Adults	
HR-OCR55	Ø55 Oval		Radiolucent, For sensitive skin, Suitable for X-ray, CT and MRI, Adults, Suitable for stress test	

+ Shelf life (unopened) : 2 years

HeartRode Pre-wired Electrode for Neonatal ECG

Characteristics

- Designed for connecting outside the incubator
- Pregelled, AAMI/IEC color coding of security plug (black, red, white, green, yellow, transparency)
- Hypoallergenic gel adapted to sensitive skin
- Wire flexibility allowing movements
- A very low impedance Ag/AgCl sensor or sheet
- HR-NR and HR-SR series electrodes are radiolucent to minimize reposition or replacement of electrodes during diagnostic examination

HR-S Series

HR-N Series

Pack

Certificates

ISO 13485 KFDA CE FDA

Specification

Series	Model	Color	Size(mm)	Material	Electric wire specification	Packing
HR-N	HR-N15	*Optional Black Red White Green Yellow Transparency	Electrode Diameter Ø23 Lead wire 75, 100, 150cm	Ag/AgCl Sensor Hydrogel, Leadwire Non woven fabric PE foam	Ø1.5 DIN safty connector Copper wire type Non-Radiolucent	3 pcs / Pack 50 packs / Inbox 24 inboxes / Carton
	HR-NR15				Ø1.5 DIN safty connector Carbon wire type Radiolucent	
HR-S	HR-S15			Ag/AgCl Film Hydrogel, Leadwire Non woven fabric PE foam	Ø1.5 DIN safty connector Copper wire type Non-Radiolucent	
	HR-SR15				Ø1.5 DIN safty connector Carbon wire type Radiolucent	

+ Shelf life (unopened) : 2 years

Please **contact us** anytime
Available to customize the specification(design, size, package etc.) through all products.
Feasible to develop and supply the custom-made products like OEM, ODM service.

Customized products

Characteristics

- Fulfilled research and development project sponsored by Korean government
- Manufacturing license certified by MFDS in Korea
- Acquired 「The Specialized Company using Materials of High Quality」
- Systemized automatic facility for mass production

Work Process

1. Clint Request
   - Start With your idea
   - and requirements
2. Concept Development
   - Engineer Meeting
   - Clarify with client
3. Product Development
   - Development
   - Concept drawings
   - Client approval
4. Prototype & Fabrication
   - Prototype quotation
   - Production drawings
   - Prototype Fabrication
5. Pre-production
   - Pre-production
   - Client review
6. Production
   - Production
   - Document Control
   - & Backups

Stimulating Electrode

TENS electrode using magnet snap

Logo printed on TENS electrode

Sensing Electrode

3 Points ECG Electrode

Customized EMG Electrode

Customized EEG Electrode

Stimulating Silicone

Carbon Silicone for cosmetic

Double-layer Silicone

Customized items

Conductive waistband for cosmetic

Customized leadwire

Customized keyboard

Certification

ISO 13485
DNV Business Assurance
Management System Certificate

FDA
for Tab electrode, ECG electrode,
Prewired ECG electrode,
Casting tape and Splint

CE
for medical electrodes
and Innofacial system

Trademarks

Patents

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HUREV
Medical Engineering For Human Beings

HUREV, is always with you
based on **faith** and **trust**
in the Medical field

Medical Electrodes & Sensors
Sensing electrodes, Stimulating electrodes,
Customizing electrodes, Spo2 Sensors

Orthopedic Casting tape & Splint
Fiberglass & Polyester Cast & Splint product
for Orthopedic treatment

Cosmetic device & Solution
Aqua Peel hydra-demabrasion system and
Ion-to-Vacuum jet for professional facial care

Outsourcing Services
Conductive films and foils for medical
electrodes and etc.

Medical Device
Developing personal medical devices

R&D Consultancy
Planning, Developing, Trial production
and Improving for stategic partners

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Agma Cast Orthopedic casting tape

Advantages

- The tape combines knitted fiberglass(or polyester fabric) with water-cured resin.
- Light Weight - It is 5 times lighter and stronger than plaster cast.
- Air Permeability - Air can be ventilated well through the porous surface, so it helps patients not to feel itching on applied region.
- Easy To Mold - It is easy to mold on the region due to its softness and elasticity.
- Excellent Conformability - AgmaCast features multi-directional extensibility to conform well to contours, improving cast fit and appearance.

Certificates

ISO 13485 KFDA CE FDA

Application

1. Apply stockinette and undercast patting.
2. Wear gloves to prevent resin adhering to the skin.
3. Dip the product in water for 3 or 5 seconds and squeeze water from the product.
4. Overlap the product on the site with an half or two third of its width as the spiral shape.
5. Overlap 2-3 or 3-5 layers on the site.
6. Molding time is required about 3-5 minutes and weight bearing 20 minutes.

Product Line-up

Model	Size		Packing
MAC-2000 (White/Green)	2inch x 4yds	5cm x 360cm	10 rolls / Inbox 10 inboxes / Carton
MAC-3000 (White/Green)	3inch x 4yds	7.5cm x 360cm	

Model	Size		Packing
MAC-4000 (White/Green)	4inch x 4yds	10cm x 360cm	10 rolls / Inbox 10 inboxes / Carton
MAC-5000 (White/Green)	5inch x 4yds	12.5cm x 360cm	

+ Shelf life (unopened) : 2 years

Agma Splint Orthopedic splint

Advantages

- Bacteriostatic and deodorant effects
- Variously classified products - One-Step & Roll Type : 11 kinds
- Strong Weight Bearing - It can prevent from twisting in long-leg treatment.
- Comfortable Feeling - It will give you comfortable feeling by adopting high-quality non-woven fabric
- Good appearance, Easy application
- Light weight, Economical polyurethane resin

Certificates

ISO 13485 KFDA CE FDA

Application

1. Choose the proper size product to the patient
2. Open the product, In case of the roll product, cut the roll product with scissors properly.
3. Dip splint in the water for 3 or 5 seconds.
4. Squeeze out wet splint with a towel in order to eliminate remaining water.
5. Apply the splint to the fractured limb and wrap with elastic bandage.

Product Line-up

	Model	Size		Packing
One-Step Splint	MPO-3120	3inch x 12inch	7.5cm x 30cm	10 pcs / Inbox 4 inboxes / Carton
	MPO-3350	3inch x 35inch	7.5cm x 89cm	
	MPO-4150	4inch x 15inch	10cm x 38cm	
	MPO-4300	4inch x 30inch	10cm x 76cm	
	MPO-5300	5inch x 30inch	12.5cm x 76cm	
	MPO-5450	5inch x 45inch	12.5cm x 115cm	5 pcs / Inbox 3 inboxes / Carton

	Model	Size	
Roll Splint	MPR-2080	2inch x 5yds	5cm x 460cm
	MPR-3080	3inch x 5yds	7.5cm x 460cm
	MPR-4080	4inch x 5yds	10cm x 460cm
	MPR-5110	5inch x 5yds	12.5cm x 460cm
	MPR-6080	6inch x 5yds	15cm x 460cm

+ Shelf life (unopened) : 2 years

StiMus Hydrogel Electrode for TENS, NMES, EMS, FES

Characteristics

- Available to use several times
- Economical pin wired and snap type electrode
- High quality conductive hydrogel
- Fast application and easy handling
- Highly aggressive adhesion

Pack

Certificates

ISO 13485

Specification

Series	Model	Shape	Size(mm)	Features	Packing
Special - Lead wire	HRTC22	○	Ø22 x 2	Electrode for dysphagia	2 pcs/ Pack
	HRTC70	○	Ø70	Carbon Lead wire PE foam Carbon Sheet Hydrogel, PET Liner	4 pcs (2 pair) / Pack
	HRTR59	□	50 x 94		
	HRTS50	□	50 x 54		
	HRTC32	○	Ø32		
AP Type - Lead wire	HRTC70AP	○	Ø70	Non-Woven fabric High Quality Hydrogel Low Impedance Carbon Sheet	
	HRTR59AP	□	50 x 94		
	HRTS50AP	□	50 x 54		
	HRTC32AP	○	Ø32		
BP Type - Snap	HRTC70BP	○	Ø70		
	HRTR59BP	□	50 x 94		
	HRTS50BP	□	50 x 54		
	HRTC32BP	○	Ø32		

Special AP BP

HRTR59 (50 x 94mm)

HRTS50 (50 x 54mm)

HRTC70 (Ø70)

HRTC32 (Ø32)

HRTC22 (Ø22 x 2)

* Shelf life (unopened) : 2 years

StiMus Silicone Electrode for TENS, NMES, EMS, FES

Characteristics

- Biocompatible silicone (Test report acquired)
- Highly durable and flexible
- Hydrogel patch can be attached on the conductive surface
- Available for customized product

Certificates

ISO 13485

Hydrogel Patch

HRT118SPO

HRT118CPO

HRT75SP

HRT35SP

Specification

Model	Shape	Size(mm)	Material	Packing
HRT35SP	□	35 x 35 Snap type	Biocompatible silicone & Conductive carbon silicone	4 pcs / Pack
HRT75SP	□	75 x 55 Ø2 socket		2 pcs / Pack or 4 pcs / Pack
HRT75CP		70 x 50 Ø2 socket		
HRT118SPO	○	88 x 114 Ø2 socket		2 pcs / Pack
HRT118CPO		83 x 109 Ø2 socket		

2.2M Cable

Ø2 DIN Connector Cable

* Shelf life (unopened) : 2 years

Please **contact us** anytime
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Feasible to develop and supply the custom-made products like OEM, ODM service.

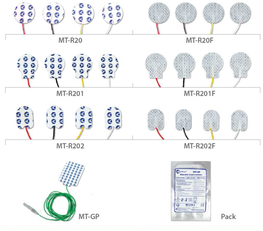
Myo-Trace Surface & Ground Electrode for EMG, NCS, EP

Surface Electrode

- 3 different designs (Round, Key hole and Duck foot)
- Flexible and soft material
- Repositionability
- Available to provide various lead wire color configuration

Ground Electrode

- Can be repositioned several times
- Optimal signal throughout the examination
- Ideal balance between adhesion and size
- Using biocompatible hydrogel



MT-GP

Pack

Certificates

ISO 13485

Specification

Type	Model	Shape	Size(mm)	Material	Wire Length(cm)	Packing
Surface Electrode	MT-R20 MT-R20F	Round	Ø20	Ag/AgCl Sheet, PET film or Non-Woven fabric, Solid hydrogel	100, 120, 150	4 pcs / Pack 50 packs / Inbox
	MT-R201 MT-R201F	Key hole design	20 x 24 (Max, W x L)			
	MT-R202 MT-R202F	Duck foot design	15 x 20 (Max, W x L)			
Ground Electrode	MT-GP	Rectangular	42 x 60 (Max, W x L)			1 pc / Pack, 50 Packs / Inbox

* Shelf life (unopened) : 2 years

Conductive Films & Ink

We can supply :

1. Medical Conductive Carbon Films
2. Carbon Films with Ag/AgCl Coating
3. Conductive ink for conductive films

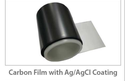
- 3 kinds of conductive ink: Carbon, Ag, Ag/AgCl
- 2 kinds of prints: Silk printing & Gravure printing

Characteristics

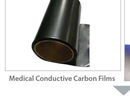
- High Conductivity due to low Resistivity
- Low risk of skin burning
- Great Flexibility for various application
- Eco-friendly product
  (RoHS, REACH, PVC free, Halogen Free, Phthalate Free)

Applications

Iontophoresis electrodes, Corrosion-resistant electrodes, Cosmetic electrodes, Custom designs, Defibrillator electrodes, Heating pads, Medical electrodes, Monitoring electrodes, Stimulating electrodes, TENS electrodes.
ECG(EKG) electrodes, biosensorsof biofeedback devices (for example EMG, EEG)



Carbon Film with Ag/AgCl Coating



Medical Conductive Carbon Films

TENS electrode

Iontophoresis electrodes

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Feasible to develop and supply the custom-made products like OEM, ODM service.

StiMus ICT, SVE Electrode for Physiotherapy

Characteristics

- Biocompatible silicone (Test report acquired)
- Optimum designed ICT electrode for user
- Conductor : Stainless steel conductive metal
- Stable adsorption and flexible leadwire

ICT Electrode

3 Types of Connector

605C 605C - I 605C - II

Vacuum cup Set Package

SVE Electrode

Spike Vacuum Electrode

Certificates

ISO 13485

Specification

Model	Shape (connector)	Size(mm)	Material
HRT605C	Female, Outside diameter : Ø15.5	Silicone cup diameter : Ø60 SUS conductor diameter : Ø35 Sponge diameter : Ø57 Sponge thickness : 15mm Cable length : 2M	Cup : Biocompatible Silicone Conductor : SUS Cable connector Cover : Silicone
HRT605C- I	Male, Outside diameter : Ø12		
HRT605C- II	Female, Outside diameter : Ø9.5		
HRT SVE	Male, Pin Outside diameter : Ø1.3	Silicone cup diameter : Ø26 Cable length : 2M Gold conductor diameter : Ø13	

* Shelf life (unopened) : 2 years

Life-ON AED Electrode

Life-ON pad is a disposable AED electrode used in AED (Automated External Defibrillator) for defibrillating the heart of cardiac arrest patients. It measures ECG signal and applies defibrillation shocks to the patients.

Characteristics

- Maximize adhesive power using highly adhesive biocompatible Hydrogel for defibrillation
- Secure optimal conductivity and electrode characteristics using Ag/AgCl or Tin foil
- Minimize skin burn that may happen in defibrillation through close adhesion of the electrode to the skin using highly flexible PE foam
- Designed for optimal comfort
- Easy to apply electrodes to the correct position of body
- Provide a cost-effective

Certificates

ISO 13485

OEM AED Pad

OEM AED Pad

OEM Training Pad

If you need a customized AED electrode for your own machine application, we will be a great choice to be your reliable partner who manufacture and develop whatever you require.

- Our Life-ON AED Electrodes are compatible with different connectors for customer needs.
- Life-ON AED Electrodes keeps the ANSI/AAMI DF 80:2003 Standard for Cardiac Defibrillators.

Hurev Co., Ltd. produces Training defibrillator Pads called 'Life-ON Training pads', which designed for training only.

As non-conductive, the 'Life-ON Training pads' main advantages are lightweight, highly portable, fast application and easy handling.

Please **contact us** anytime
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Feasible to develop and supply the custom-made products like OEM, ODM service.

OxiPulse SpO2 Sensor

Characteristics

- Uses biocompatible adhesive for harmless to patients
- Usable for a long time due to flexible and durable urethane film
- Shielding to prevent the interference of electromagnetic wave
- Uses gold-plated connectors for minimizing the noise in signal
- High compatibility with major monitoring devices of patient monitoring, pulse oximeter systems
- Advanced high quality LED and photodiode
- Various usages for adult, neonate and infant

Reusable SpO2 sensor

DB9 to DB9 cable 2M

ENA EP CA CP

NE01 NE02 NC01 NC02

Certificates

ISO 13485

Specification

Connector	Model	Applicable patients	Size(mm)	Material	Packing
NELLCOR Compatible	OxiPulse ENA	Adult, Neonate (> 30kg, < 3kg)	15 x 125, 1M cable	Elastic tape	1 pc / Pack 25 packs / Inbox 18 inboxes / Middle Carton 36 inboxes / Large Carton
	OxiPulse EP	Infant (3~20kg)	15 x 85, 1M cable		
	OxiPulse CA	Adult (> 30kg)	45 x 100, 1M cable	Clear tape	
	OxiPulse CP	Pediatric (10~50kg)	35 x 80, 1M cable		
	OxiPulse RA01	Adult (> 30kg)	Reusable finger probe (1M,1.5M,2M) cable		1 pc / Case box
NIHON KOHDEN Compatible	OxiPulse NE01	Adult, Neonate (> 30kg, < 3kg)	15 x 125, 1M cable	Elastic tape	1 pc / Pack 25 packs / Inbox 18 inboxes / Middle Carton 36 inboxes / Large Carton
	OxiPulse NE02	Infant (3~20kg)	15 x 85, 1M cable		
	OxiPulse NC01	Adult (>30kg)	45 x 100, 1M cable	Clear tape	
	OxiPulse NC02	Pediatric (10~50kg)	35 x 80, 1M cable		
	OxiPulse RA03	Adult (>30kg)	Reusable finger probe (1M,1.5M,2M) cable		1 pc / Case box

* Shelf life (unopened) : 2 years

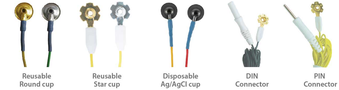
StarDisk EEG Electrode

StarDisk EEG electrode is used for test that measures and records the electrical activity of brain as a non-invasive method. StarDisk EEG electrode is designed to have the best contact with a subject's scalp and manufactured using most suitable material to provide the best EEG recordings.

Set package

Characteristics

- Designed to minimize the moving artifact
- Flexible and durable lead wire (using twisted silver plated wire)
- Low impedance
- Using gold, silver and Ag/AgCl to provide the best EEG recordings



Reusable Round cup Reusable Star cup Disposable Ag/AgCl cup DIN Connector PIN Connector

Certificates

ISO 13485

Specification

Type	Cup	Leadwire		Connector	Packing
	Material / Shape	Wire Material	Wire Length		
Reusable EEG Electrode	Optional (Gold or Silver) Optional (Round or Star)	Optional (PVC, Silicon, Teflon)	60cm ~ 250cm	Ø1.5 DIN or PIN Ø2.0 DIN or PIN	10 pcs / Case
Disposable EEG Electrode	Ag/AgCl / Cup			Ø1.5 DIN	5 pcs / Pack

* Shelf life (unopened) : 2 years