MERSOMA™

Medical Electrode & Human Interface Solutions

Backed by **MERRILL**

Technology for a Healthier Tomorrow.



MERSOMA™

Medical Electrode & Human Interface Solutions

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MEDICAL ELECTRODE MANUFACTURING

Product Development · Customization · Manufacturing

Electrode selection and customization for your device.

SILICONE ELECTRODES | GEL ELECTRODES | ELECTRODE LEAD WIRES



MERSOMA™

Medical Electrode & Human Interface Solutions

Precision Manufacturing

for Medical Electrodes.

Product Development

Manufacturing Support

Global Customer Service



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OUR CERTIFICATIONS

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- ISO 13485



MERSOMA™

Medical Electrode & Human Interface Solutions

A **MERRILL** Healthcare Brand

Engineering Better Connections for Health and Wellness.

MERSOMA™ is a specialized healthcare brand of MERRILL, dedicated to the development, engineering, and manufacturing of medical electrodes and human interface solutions.

Backed by MERRILL's advanced engineering expertise and global manufacturing capabilities, we provide reliable, high-performance electrode solutions for medical device manufacturers, rehabilitation equipment companies, and health technology brands worldwide.

Our mission is to help our customers develop better products through innovative technology, consistent quality, and trusted manufacturing partnerships.

FDA | CE | ISO 9001 | ISO 13485 | RoHS

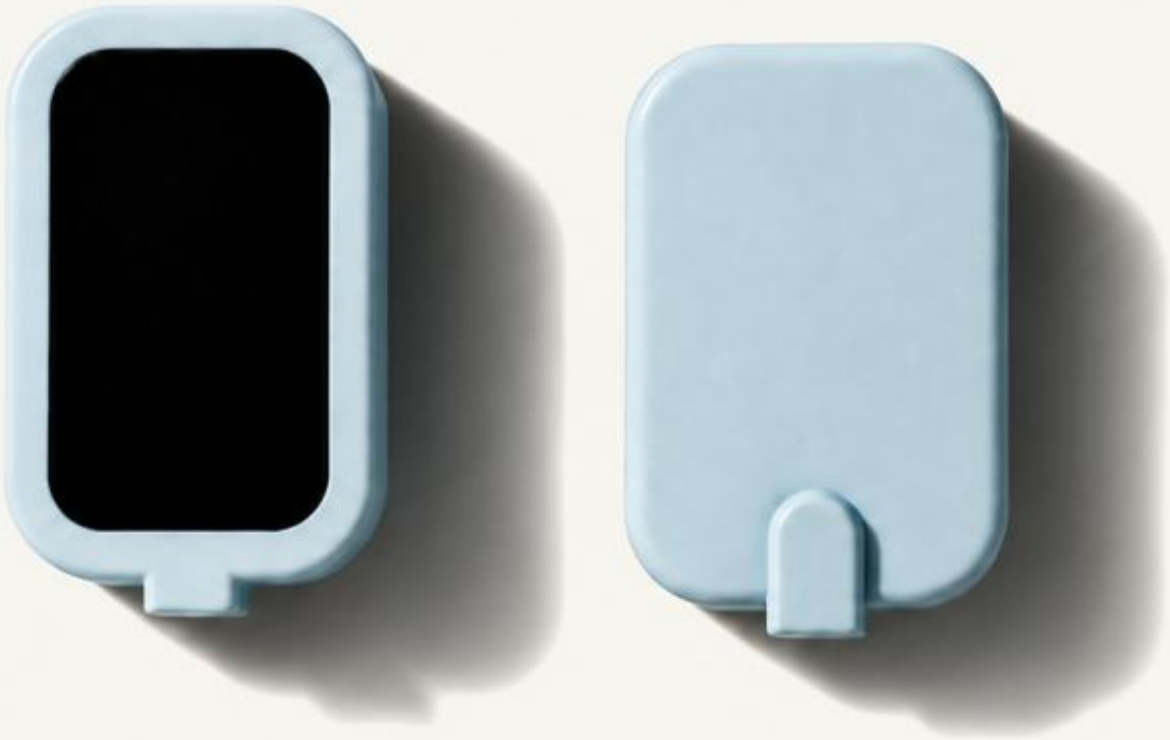
MERSOMA™

Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW

PRODUCT DISPLAY

Silicone Electrode



Product Model	MSE-01A11575C03W
Product Name	Reusable Silicone Electrode (Without Sponge)
Dimensions	115 × 75 mm
Electrical Impedance	1000 ± 20 Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation, physical therapy, body shaping and low-frequency devices

FDA | CE | ISO 9001 | ISO 13485 | RoHS

Skin-friendly Silicone Material

Reusable Durable Design

Customizable Options

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Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW

PRODUCT DISPLAY

Silicone Electrode



Product Model	MSE-01A11575C03Y
Product Name	Reusable Silicone Electrode (With Sponge)
Dimensions	115 × 75 mm
Electrical Impedance	1000 ± 20 Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation, physical therapy, body shaping and low-frequency devices

FDA | CE | ISO 9001 | ISO 13485 | RoHS

Skin-friendly Silicone Material

Reusable Durable Design

Customizable Options

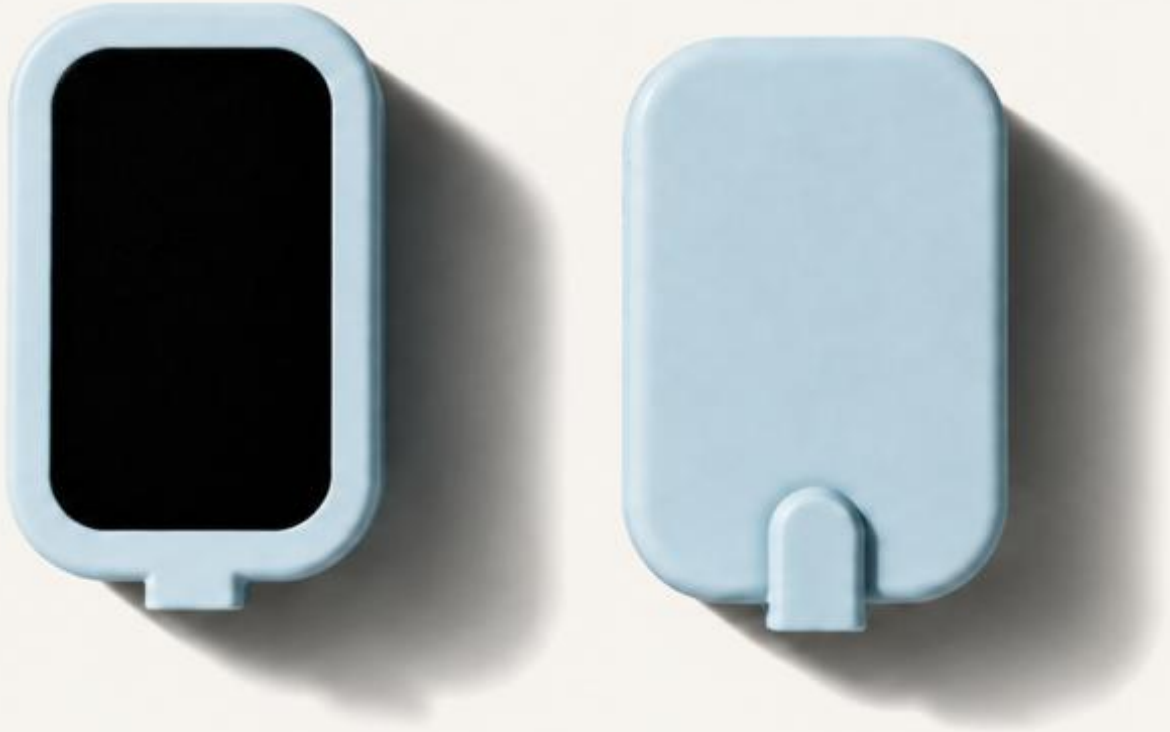
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BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW

PRODUCT DISPLAY

Silicone Electrode



Product Model	MSE-01A11575C03B
Product Name	Reusable Silicone Electrode (Without Heating Function)
Dimensions	115 × 75 mm
Electrical Impedance	1000 ± 20 Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation, physical therapy, body shaping and low-frequency devices

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Skin-friendly Silicone Material

Reusable Durable Design

Customizable Options

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BETTER CONNECTIONS
F O R A HEALTHIER TOMORROW

PRODUCTDISPLAY

Silicone Electrode



Product Model	MSE-01B10095C01W
Product Name	ReusableSiliconeElectrode (WithoutSponge)
Dimensions	100X95mm
Electrical Impedance	1000±20Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation,physical therapy body shaping and low-frequency devices

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Skin-friendly Silicone Material | Reusable Durable Design | Customizable Options

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F O R A HEALTHIER TOMORROW

PRODUCTDISPLAY

Silicone Electrode



Product Model	MSE-02W13045C030
Product Name	Handheld Reusable Silicone Electrode (Long Handle)
Dimensions	105X30mm
Electrical Impedance	1000±20Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation,physical therapy body shaping and low-frequency devices

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Skin-friendly Silicone Material | Reusable Durable Design | Customizable Options

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F O R A HEALTHIER TOMORROW



PRODUCTDISPLAY

Silicone Electrode

Product Model	MSE-02W13045C030
Product Name	Handheld Reusable Silicone Electrode (Long-handled)
Dimensions	130 × 45 mm
Electrical Impedance	1000 ± 20 Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation, physical therapy, body shaping and low-frequency devices

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Skin-friendly Silicone Material | Reusable Durable Design | Customizable Options

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Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
F O R A HEALTHIER TOMORROW

PRODUCTDISPLAY

Silicone Electrode



Product Model	MSE-01B155150C02W
Product Name	ReusableSiliconeChestElectrodes
Dimensions	155X150mm
Electrical Impedance	1000±20Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation,physical therapy body shaping and low-frequency devices

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Skin-friendly Silicone Material | Reusable Durable Design | Customizable Options

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BETTER CONNECTIONS
F O R A HEALTHIER TOMORROW

PRODUCTDISPLAY

Silicone Electrode



Product Model	MSE-02W04080C03
Product Name	Handheld Reusable Silicone Electrode (Grenade-shaped)
Dimensions	40 × 80 mm
Electrical Impedance	1000 ± 20 Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation, physical therapy, body shaping and low-frequency devices

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Skin-friendly Silicone Material | Reusable Durable Design | Customizable Options

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BETTER CONNECTIONS
F O R A HEALTHIER TOMORROW

PRODUCTDISPLAY

Silicone Electrode



Product Model	MSE-03W480190C050
Product Name	Wearable Reusable Silicone Electrode (Waist Belt)
Dimensions	480X190mm
Electrical Impedance	1000±20Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation,physical therapy body shaping and low-frequency devices

FDA | CE | ISO 9001 | ISO 13485 | RoHS

Skin-friendly Silicone Material | Reusable Durable Design | Customizable Options

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BETTER CONNECTIONS
F O R A HEALTHIER TOMORROW

PRODUCTDISPLAY

Silicone Electrode



Product Model	MSE-03W280150C050
Product Name	Wearable Reusable Silicone Electrode (Wellness Footwear)
Dimensions	280X150mm
Electrical Impedance	1000±20Ω
Connector	Compatible with OEM connectors
Applicable Scenarios	Muscle stimulation,physical therapy body shaping and low-frequency devices

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Skin-friendly Silicone Material | Reusable Durable Design | Customizable Options

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PRODUCT DISPLAY

Gel Electrodes

Wired Gel Electrode for Medical and Therapeutic Use (100 × 50 mm)

Product Model	MGE-01A10050X00
Product Name	Wired Gel Electrode for Medical and Therapeutic Use (100 × 50 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	100 × 50 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

Skin-friendly Materials | Stable Conductivity | Customizable Options

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Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW



PRODUCT DISPLAY

Gel Electrodes

Pin-Type Square Gel Electrode for Medical and Therapeutic Use (Nonwoven, 2.0 mm)

Product Model	MGE-01A2525X00
Product Name	Pin-Type Square Gel Electrode (Nonwoven, 2.0 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	25 × 25 mm (Four per sheet)
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

FDA | CE | ISO 9001 | ISO 13485 | RoHS

Skin-friendly Materials | Stable Conductivity | Customizable Options

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PRODUCT DISPLAY

Gel Electrodes

Snap Gel Electrode for Medical and Therapeutic Use

Product Model	MGE-01A100200K00
Product Name	Snap Gel Electrode for Medical and Therapeutic Use (100 × 200 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	100 × 200 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

Skin-friendly Materials | Stable Conductivity | Customizable Options

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Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW



PRODUCT DISPLAY

Gel Electrodes

Wired Round Gel Electrode for Medical and Therapeutic Use (30 mm)

Product Model	MGE-01B3030X00
Product Name	Wired Round Gel Electrode (Nonwoven, 30 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	Ø 30 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

FDA | CE | ISO 9001 | ISO 13485 | RoHS

Skin-friendly Materials | Stable Conductivity | Customizable Options

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PRODUCT DISPLAY

Gel Electrodes

Wired Round Gel Electrode for Medical and Therapeutic Use (35 mm)

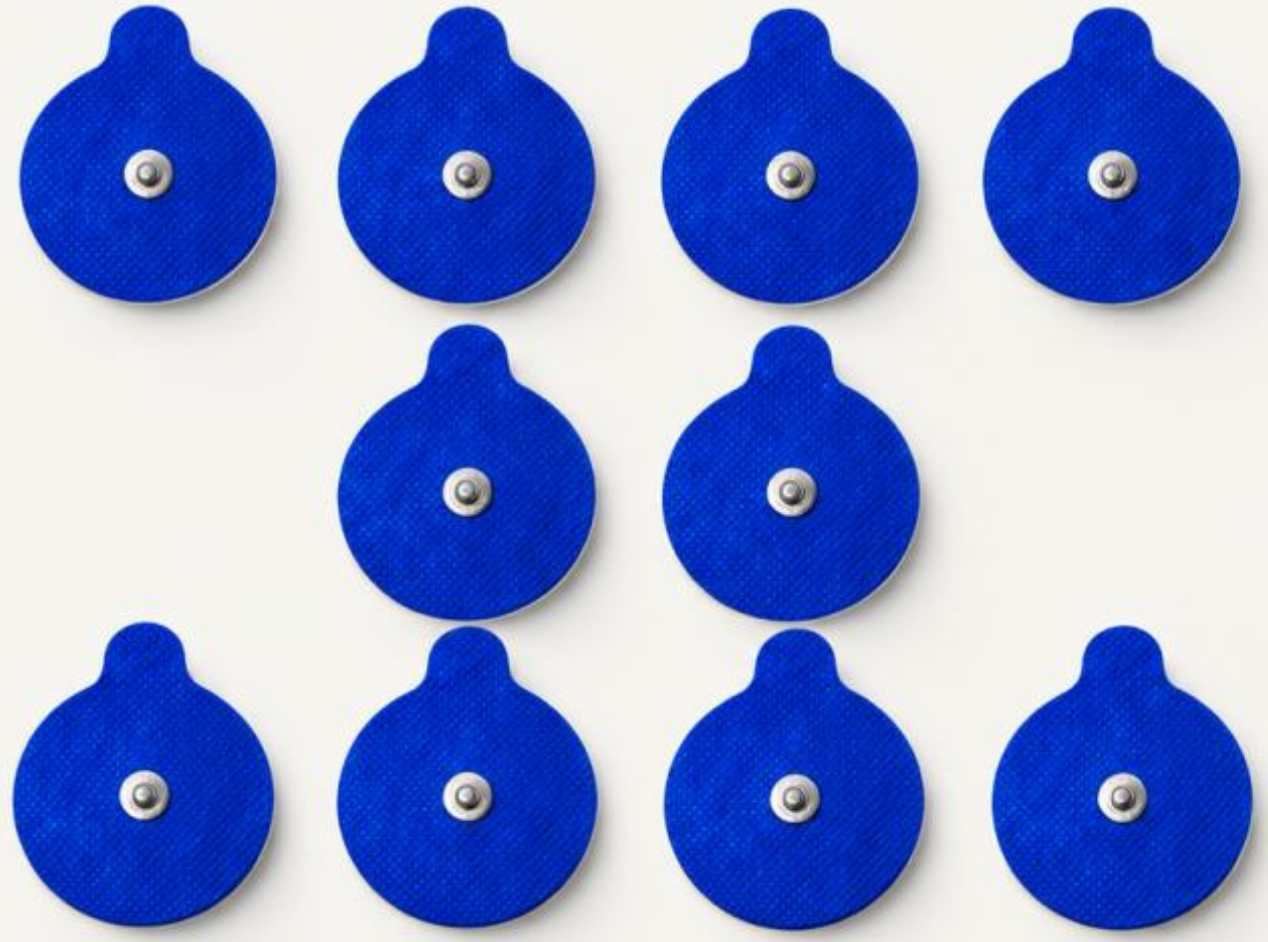
Product Model	MGE-01B3535X00
Product Name	Wired Round Gel Electrode (Nonwoven, 35 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	Ø 35 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

Skin-friendly Materials | Stable Conductivity | Customizable Options

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Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW



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PRODUCT DISPLAY

Gel Electrodes

Snap-Type Round Gel Electrode for Medical and Therapeutic Use (30 mm)

Product Model	MGE-01B3030K00
Product Name	Snap-Type Round Gel Electrode (Nonwoven, 30 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	Ø 30 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

Skin-friendly Materials | Stable Conductivity | Customizable Options

MERSOMA™

Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW



PRODUCT DISPLAY

Gel Electrodes

Snap-Type Contoured Gel Electrode for Medical and Therapeutic Use (100 × 50 mm)

Product Model	MGE-01C10050K00
Product Name	Snap-Type Contoured Gel Electrode (100 × 50 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	100 × 50 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

FDA | CE | ISO 9001 | ISO 13485 | RoHS

Skin-friendly Materials | Stable Conductivity | Customizable Options

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Medical Electrode & Human Interface Solutions

BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW



PRODUCT DISPLAY

Gel Electrodes

Snap-Type Breast Gel Electrode for Medical and Therapeutic Use (150 × 80 mm)

Product Model	MGE-01C15080K00
Product Name	Snap-Type Breast Gel Electrode (Nonwoven, 150 × 80 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	150 × 80 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

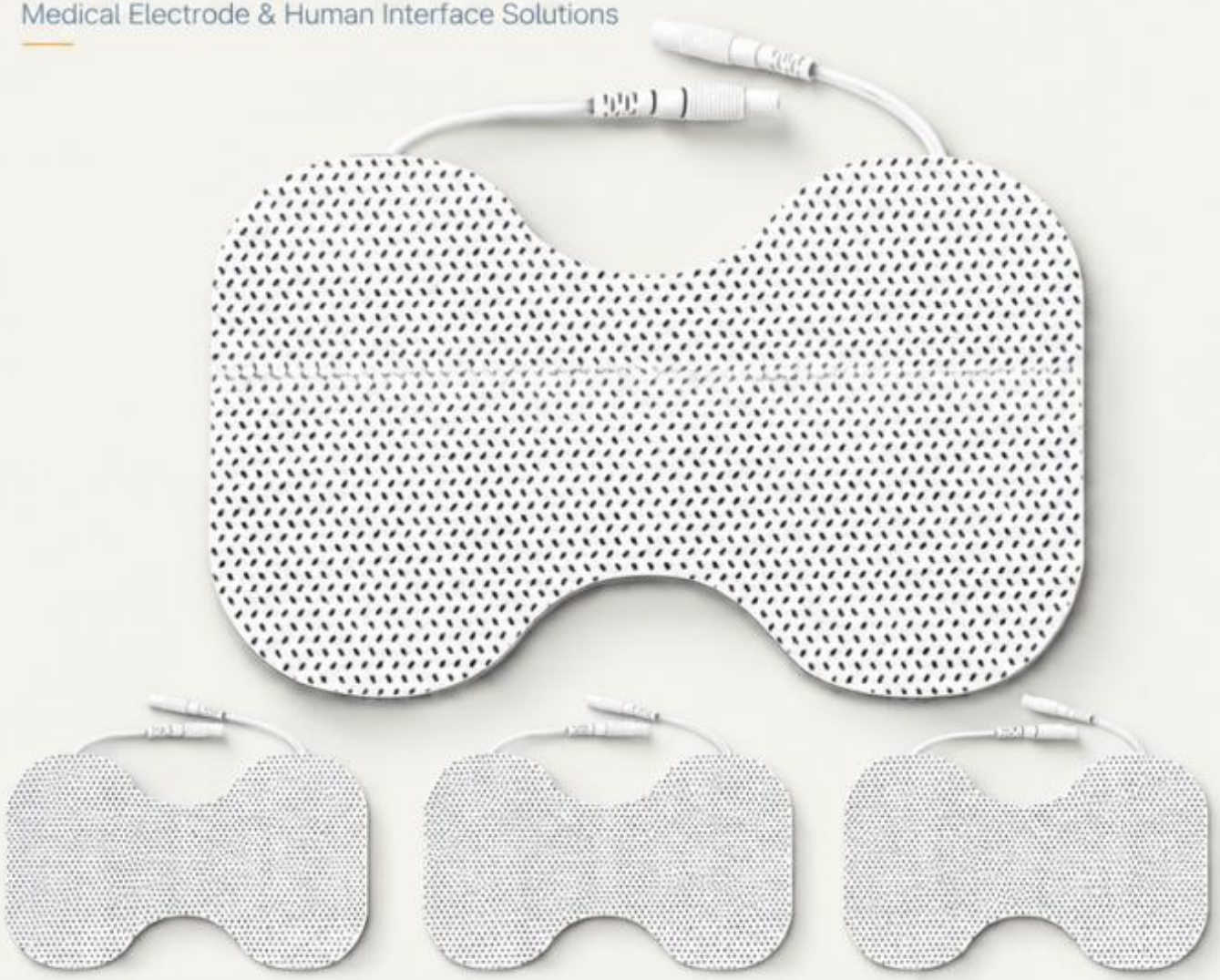
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Skin-friendly Materials | Stable Conductivity | Customizable Options

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PRODUCT DISPLAY

Gel Electrodes

Wired Butterfly U-Shaped Gel Electrode for Medical and Therapeutic Use (150 × 180 mm)

Product Model	MGE-01C150180X00
Product Name	Wired Butterfly U-Shaped Gel Electrode (Nonwoven, 150 × 180 mm)
Materials	Medical Nonwoven Fabric + Hypoallergenic Conductive Hydrogel
Dimensions	150 × 180 mm
Electrical Impedance	≤ 3 KΩ
Customization	OEM/ODM (Size / Shape / Logo / Packaging Options)
Compatible Devices	TENS Devices, Medium-frequency Therapy Devices, Rehabilitation Equipment, Muscle Stimulation Massagers

Skin-friendly Materials

Stable Conductivity

Customizable Options

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BETTER CONNECTIONS
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PRODUCT DISPLAY

Electrode Lead Wires

5900 Swallowing Snap Electrode Lead Wire for Therapeutic Use

Product Model	MLW-01C590020K00
Product Name	5900 Swallowing Snap Electrode Lead Wire
Structure Design	Shielded Anti-Interference Structure
Materials	Medical Grade PVC/TPU
Customization	OEM/ODM (Connector Type / Length / Logo / Packaging Options)
Compatible Devices	Therapeutic Devices / Medical Monitoring Equipment

Medical-grade Materials | Shielded Anti-Interference | Customizable Options

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BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW





6.35 mm Plug



Dual Snap Electrodes



Flexible & Durable Cable

PRODUCT DISPLAY

Electrode Lead Wires

6.35 mm Single-Sided Dual-Snap Electrode Lead Wire for Therapeutic Use

Product Model	MLW-01CC635930K00
Product Name	6.35 mm Single-Sided Dual-Snap Electrode Lead Wire
Structure Design	Shielded Anti-Interference Design
Materials	Medical-Grade PVC/TPU
Customization	OEM/ODM (Connector Type / Length / Logo / Packaging Options)
Compatible Devices	Therapeutic Devices / Medical Monitoring Equipment

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Medical-grade Materials | Reliable Signal Transmission | Customizable Options

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BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW





5P Connector



2.0 mm Pin Electrodes



Flexible & Durable Cable

PRODUCT DISPLAY

Electrode Lead Wires

5P to Dual 2.0 mm Pin Electrode Lead Wire for Therapeutic Use

Product Model	MLW-01C5P20020C00
Product Name	5P to Dual 2.0 mm Pin Electrode Lead Wire
Structure Design	Shielded Anti-Interference Design
Materials	Medical-Grade PVC/TPU
Customization	OEM/ODM (Connector Type / Length / Logo / Packaging Options)
Compatible Devices	Therapeutic Devices / Medical Monitoring Equipment

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Medical-grade Materials

Reliable Signal Transmission

Customizable Options

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BETTER CONNECTIONS
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2.0 mm Female Connector



Small Alligator Clip



Flexible & Durable Cable

PRODUCT DISPLAY

Electrode Lead Wires

2.0 mm Female to Small Alligator Clip
Electrode Lead Wire for Therapeutic Use

Product Model	MLW-01C25EY20C39
Product Name	2.0 mm Female to Small Alligator Clip Electrode Lead Wire
Structure Design	Shielded Anti-Interference Design
Materials	Medical-Grade PVC/TPU
Customization	OEM/ODM (Connector Type / Length / Logo / Packaging Options)
Compatible Devices	Therapeutic Devices / Medical Monitoring Equipment

FDA | CE | ISO 9001 | ISO 13485 | RoHS

Medical-grade Materials

Reliable Signal Transmission

Customizable Options

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BETTER CONNECTIONS
FOR A HEALTHIER TOMORROW





2.0 mm Pin Connectors



Electrode Pad Connection



Flexible & Durable Cable

PRODUCT DISPLAY

Electrode Lead Wires

Electrode Main Lead Cable for PHYSIOED Dysphagia Therapy System (00476/00474)

Product Model	MLW-020047600474 (5P02)
Product Name	Electrode Main Lead Cable for PHYSIOED Dysphagia Therapy System (00476/00474)
Structure Design	Shielded Anti-Interference Design
Materials	Medical-Grade PVC/TPU + Medical-Grade Silicone
Customization	OEM/ODM (Custom Development and Manufacturing of Electrode Lead Cables for Diagnostic and Therapeutic Equipment Worldwide)
Compatible Devices	PHYSIOED 00476/00474 Dysphagia Therapy System

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Medical-grade Materials | Reliable Signal Transmission | Customizable Options

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Electrode selection and customization for your device.

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ENGINEERING EXPERTISE

RESEARCH & INNOVATION

MANUFACTURING EXCELLENCE

GLOBAL SUPPORT

PRODUCT DEVELOPMENT

IN PROGRESS

STAY TUNED!

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Device compatibility and suitability for specific applications must be verified before use.

October 2026