

## “KneeCare” Portable Diathermy System

MD License No. 004633

Please read the entire manual carefully before use.

### Product Type

SAM12-350400-A20 、 SAM12-35040A-A20

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### Warnings

- Remove immediately if the knee becomes too hot or discomfort occurs.
- Do not use with ointment, cream and medical cleaning solvent.
- Do not use with other forms of heat nor electrical devices.
- Remove immediately if the patient experiences skin irritation.
- Do not over-tighten the Knee Care as this may restrict blood flow.
- Natural disasters, not normal use and disassemble or repair the product are not in the product warranty.

### Manual guide

Please read the entire manual carefully before use.

The manual contains information, contraindication, safety information, warnings and cautions, which must be observed to assure safe operation and maintain the Knee Care in a safe condition. This system must be used in accordance with the instructions and warnings.

## 1. Product and accessories

- a. 1 therapy device
- b. Battery charger
- c. User guide

## 2. Product description and use

The Knee Care system is a portable, compact, non-invasive system designed to deliver transcutaneous pulsed electromagnetic field stimulation therapy for treating postoperative pain and edema in superficial soft tissue and thermal exchange therapy to provide temporary relief of minor aches and pains associated with strains, sprains, and arthritis.

## 3. Operating Instructions

### Positioning the Knee Care System

- a. Position the Knee Care System with the middle section centered on the back of the knee. Wrap the tab A around to the front of the knee. Make sure it is tightened.
- b. Fasten the tabs below the knee with the Knee Care positioned just above the knee.
- c. Wrap the tab B around to the front of the knee and fasten above the leg.
- d. Please try bending your knees for 3 times and adjust to fit but do not over tighten or loosen.

### Removing the Knee Care System

- a. Loosen the tab A.
- b. Unfasten the tabs below the knee.
- c. Hold the Knee Care system with one hand and untie the tab B and remove it with the other hand.

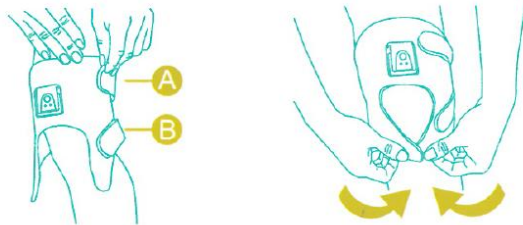
### Initiate Operating

- a. Activating Therapy: Press the start button until the green light appearing on the Knee Care system indicating the therapy session has begun.
- b. Ending Therapy: After 25 minutes, the green light on the Knee Care system will be out automatically- indicating the end of the therapy.
- c. Interrupt therapy: Press the button until the light is turned off if you experience discomfort or attempt to discontinue the therapy.

### Recommendation Usage

- a. At least three therapies a day is recommended. Do not use it before sleep.

- b. Do not shower or bathe with the device.
- c. The device can be used as a kneepad while it is not in therapy, but do not participate in any strenuous physical activities.
- d. Do not use the device while in charging. The device will be turned off during charging.



#### 4. Battery & charging instruction

Please read instructions carefully and charge the battery prior to use.

##### Charging

- a. Follow general notes of rechargeable lithium battery when using the device.
- b. Plug the USB connector of the AC adaptor into the USB port on the device. (Please be noted the up/down position of the connector)
- c. Plug the AC adaptor into the electrical outlet.
- d. The green light will indicate that the device is in charging.
- e. The green light will turn off when the device is fully charged.
- f. A full charge takes about 3 hours and allows for 3-4 therapy session.

##### Battery status

The device detects the battery capacity automatically. The red light indicates the low battery – The battery should be recharged.

#### 5. Cleaning procedures

Use damp fabrics to wipe surface of the device. User can determine the time and frequency.

#### 6. Cautions

- Use this device on specific position.
- Use for external only.
- Make sure the device completely dry before use.
- Use this device in the dry place only and away from water.
- Do not use while the device is charging.
- Do not wash the device with water or any liquid.
- Recommend using the device at room temperature.
- Keep out of reach of children.

- If signs of wear and tear appear on device, discontinue use and contact local agents.
- Do not repair and disassemble the device yourself.

#### Storage

- a. Store in cool and dry area (-20°C to 45°C)
- b. Do not expose the device under the environment of extreme temperature, humidity, or direct sunlight.
- c. If not using the device for a certain period of time, the battery charges about every three months to avoid damaging the battery.

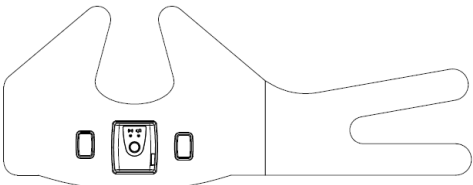
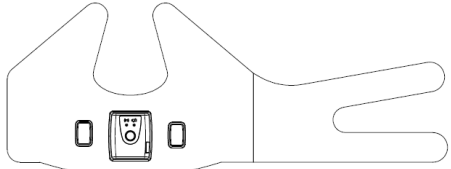
#### 7. Contraindication

- Do not use on patients with a cardiac pacemaker, cardioverter defibrillator, neuromuscular stimulator or any active medical implant.
- Do not use on patients who have any implanted metallic lead.
- Do not use on pregnancy or maybe pregnancy.
- Do not use on patients who have wound at the area.
- Do not use on patients poor in sensation of heat, poor circulation or heart disease.
- Do not use on patients the age of under 18.













## 8. Specifications

output frequency	27.12MHz±1.4MHz
Heating temperature	38~44°C
Voltage	3.7~4.2VDC
Software	Embedded Software
Battery	3.7V 950mAh
Adaptor	Input: AC 100-240V,0.2A, 50/60Hz Output: 5Vdc 1A 6W Temperature: 0~40°C
Warranty	1 year
Ingress Protection	IP22
Operating temperature	0-40°C
Operating humidity	10%-90%RH±5%
atmospheric pressure range	70-106kPa
Storage conditions	-20°C ~+45°C @ 10%-90%RH
Transport conditions	-20°C ~+45°C @ 10%-90%RH
Maximum altitude of operation	2000m

## 9. Product Type

Type	Size / Weight	Product Shape
SAM12-350400-A20	521.5 x 204.8 mm 115 ± 10 g	
SAM12-35040A-A20	451.5 x 204.8 mm 113 ± 10 g	

# 10. Illustration and description

	Manufacturing Lot
	Device Manufacturing number
	Please read the entire manual carefully before use.
	Note: Warnings / Contraindication
	Temperature Range
	Protection against electric shock
	Avoid exposure
	Avoid damp
	Manufacture and Address
IP22	Ingress Protection
	Electromagnetic
	Resource Recycling
	Class II Medical Equipment

## 11. Environmental protection information



When the device is running down of battery, then should to resource recycling it and contact local administration.

## 12. Quality assurance

Thank you for the care and using of Knee Care system. The system covers all manufacturing defects in materials and workmanship for the period of one year. If you have any questions regarding the use of this device or our medical therapy, please e-mail or call our agents.

Product Name : “Knee Care” Portable Diathermy System

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## Warranty card

Date of Purchase		Warranty period : one year from the date of purchase	
(P/N)		Customer Information	
(S/N)		Name	
<b>Things to know about warranty</b> 1. This warranty card must be stamped and confirmed the P/N 2. We will repair everything that goes wrong during the warranty period that is the fault of the manufacturer. 3. Warranty is invalid if the product has been damaged by: (1) natural disaster (2) improper handling, use or unauthorized repair		Phone	
		Address	
		E-mail	
		Dealer Stamp	