

**IN-EXON**

# QUICK START GUIDE

MODEL 1.0 - 2026

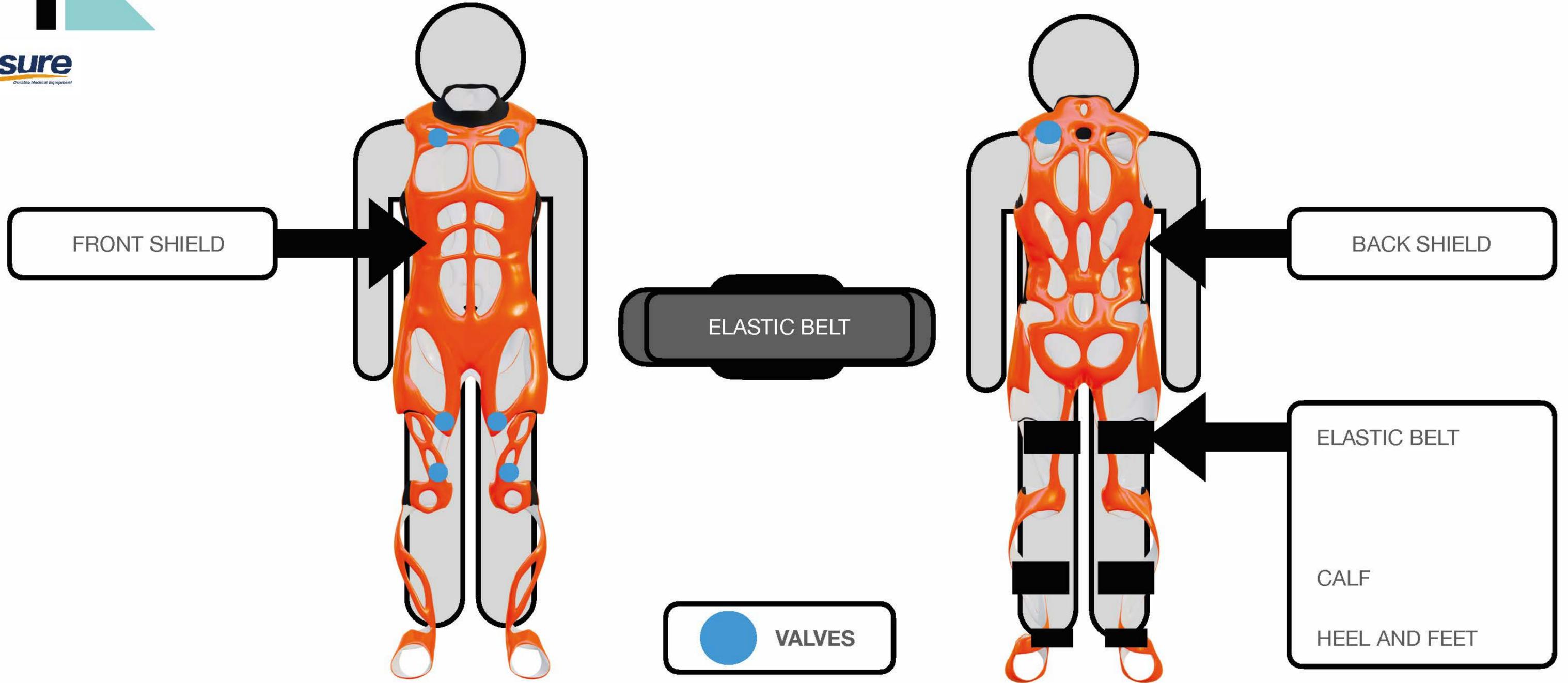
E N G L I S H

PAG. 21-37

C H I N E S E

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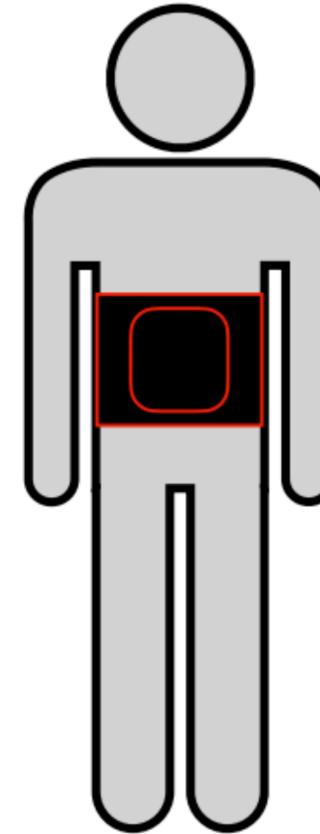
## KNOW YOUR DEVICE **IN-EXON**



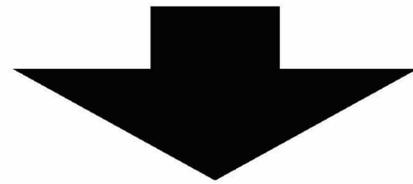
# 2

**Assure**  
Durable Medical Equipment

## WEAR THE ELASTIC BELT **IN-EXON**



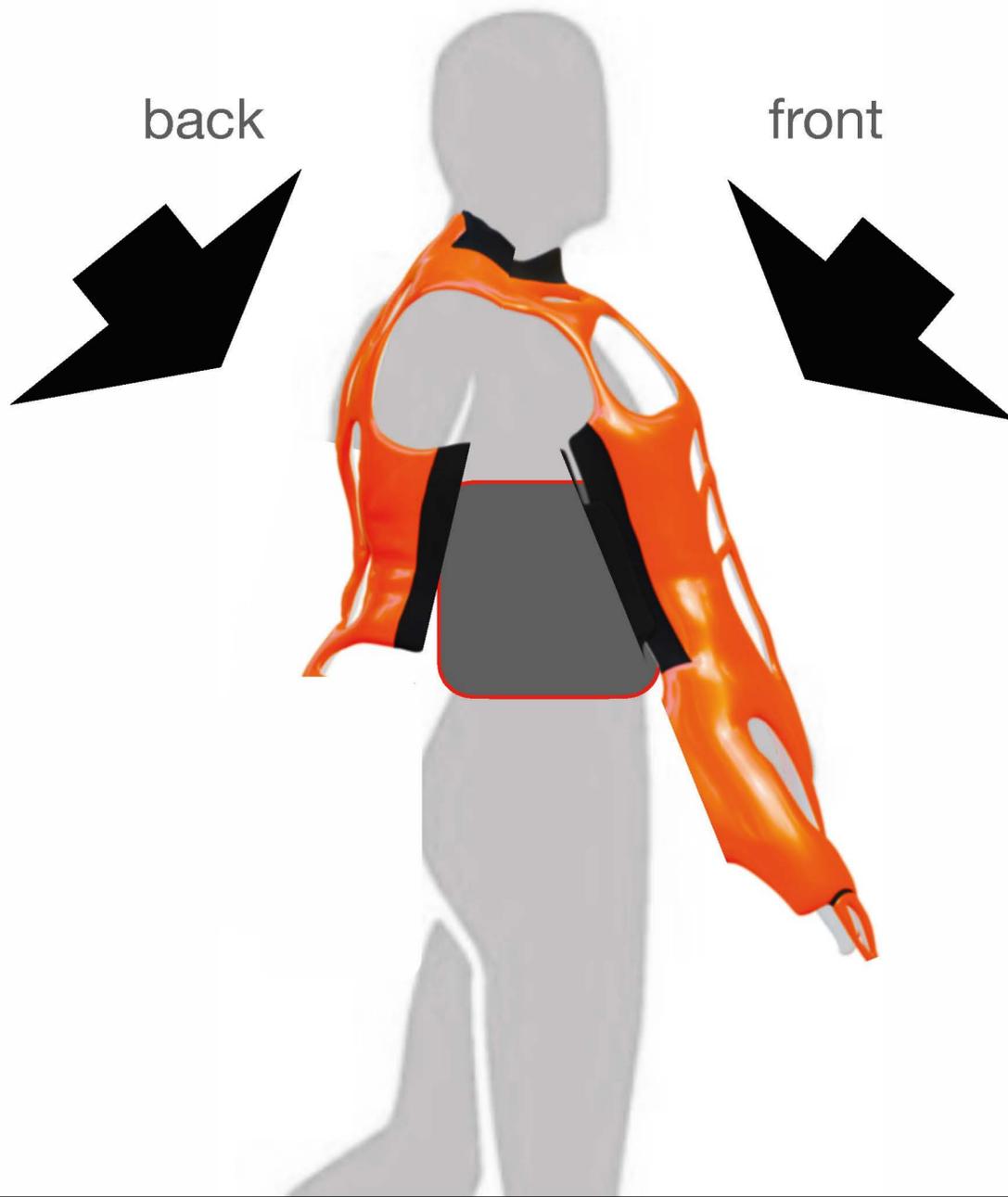
WEAR THE ELASTIC BELT AS SHOWN IN THE PICTURE  
MAKING SURE IT FITS WELL AND DOES  
NOT IMPEDE PROPER BREATHING



## WEAR THE **IN-EXON** DEVICE

- A. DEFLATE THE DEVICE BEFORE THE USE AND AFTHER
- B. POSITION THE VELCRO OF THE INFLATABLE SHIELDS ACCORDING TO YOUR SIZE
- C. POSITION THE VELCRO OF THE LEG IN THE THIGH CONNECTION AREA
- D. CHECK ALL AIR HOSE
- E. CONNECTIONS MAKE SURE THE SHIELDS ARE PROPERLY CONNECTED

- PUT ON THE ASSEMBLED DEVICE FROM THE HEAD
- ADHESIVELY ADHERENT THE VELCRO ON THE BACK TO THE ABDOMINAL BAND
- ADHESIVELY ADHERENT THE VELCRO ON THE FRONT SHIELD
- TIGHTEN THE THIGH STRAPS
- TIGHTEN THE CALF STRAPS
- TIGHTEN THE HEEL STRAPS



# 4

**Assure**  
Durable Medical Equipment

## INDOSSARE IL DISPOSITIVO **IN-EXON**

- POSITION THE REAR SHIELD AS SHOWN
- ADJUST THE VELCRO SO THAT IT ADHERES TO THE ABDOMINAL BAND



### FIX THE ELASTIC BELTS

1. THIGHS
2. CALF
3. HEEL AND FEET





## IN-EXON

1. PUT ON THE ABDOMINAL BELT
2. PUT ON THE DEFLATED DEVICE
3. POSITION THE SHELLS AS SHOWN IN FIG. 3
4. TAP THE ELASTIC BANDS ON YOUR CALVES AND FEET
5. TAP THE ELASTIC BANDS ON YOUR THIGHS FIG. 3

# IN



ENGLISH

# EXON<sup>®</sup>

Inflatable exoskeletal device  
for swimming and aquatic rehabilitation

model 1.0 - 2026





## INSTRUCTIONS FOR USE (IFU)

### Inflatable exoskeletal device for swimming and aquatic rehabilitation

#### 1. DEVICE IDENTIFICATION

Commercial name: IN-EXON inflatable exoskeleton

Device type: Non-active device (with active accessory)

Risk class (MDR): Class I (unless otherwise internally classified)

Marking: CE

Reference regulation: Regulation (EU) 2017/745 (MDR)

#### 2. MANUFACTURER

Manufacturer: [Name and full address]

Country: [EU / Non-EU]

Authorized EU representative (if applicable): [Data]

Contact details: [Phone – Email – Website]

#### 3. DEVICE DESCRIPTION

The device consists of rubber bladders designed to provide support, buoyancy, and stability during assisted swimming activities and rehabilitation exercises in water.

The system includes:

- inflatable inner tubes,
- safety valves,
- battery-powered electronic inflation and deflation device (accessory),
- replaceable compressed air canister (OPTIONAL).
- One canister provides at least 5 complete inflation cycles.



#### 4. INTENDED PURPOSE

The device is intended to provide functional support and controlled buoyancy during:

- **motor rehabilitation exercises in water,**
- **assisted swimming,**
- **mobility exercises, functional recovery, and muscle strengthening in an aquatic environment**

**⚠ The device is not intended for rescue or emergency functions.**

#### 5. PATIENT/USER POPULATION

The device is indicated for:

- **MEN,**
- **WOMEN,**
- **CHILDREN**, exclusively based on the size and model.

Use in children is permitted only under the direct and constant supervision of an adult or qualified healthcare professional.

#### 6. INTENDED CONDITIONS OF USE

- Environment: pool, sea, controlled aquatic environments
- Use: individual
- Duration of use: according to rehabilitation program or planned activity
- Reusable



## 7. ESSENTIAL TECHNICAL FEATURES

- Maximum operating pressure: 6 PSI
- Inflation fluid: AIR
- Inflation system: electronic, battery-powered
- Accessory: compressed air canister
- Minimum number of inflations per canister: 1-5 TOTAL CYCLES

**⚠ Exceeding the maximum pressure (6 PSI) may compromise the safety and performance of the device.**

## 8. INSTRUCTIONS FOR USE

### 8.1 Preparation

- Check the integrity of the device before use.
- Make sure the electronic device is charged.
- Use only compatible canisters.

### 8.2 Inflation

- Connect the electronic system to the valve.
- Activate inflation.
- Do not exceed the maximum pressure of 6 PSI.
- Make sure the valves and connecting hoses are properly closed
- to the device and its components.



### 8.3 Use

- Wear or position the device according to the intended model.
- Follow the instructions for proper donning of the device components.
- Use only in supervised waters.
- In the event of air leaks or malfunctions, discontinue use and exit the water.

### 8.4 Deflation

- Activate the electronic deflation function or deflate manually.
- Do not use sharp objects.

## 9. CONTRAINDICATIONS

Do not use the device if you have:

- unprotected open wounds,
- current skin infections,
- medical conditions incompatible with water activities,
- known allergies to the constituent materials (e.g., rubber/latex, if present).
- Consult a doctor or physiotherapist before use if you have any medical conditions.



## 10. WARNINGS AND PRECAUTIONS ⚠

- Do not use as a life-saving device.
- Do not leave the user unattended.
- Do not dive or jump into water while wearing the device.
- Do not exceed the maximum pressure of 6 PSI.
- Do not modify the device or its accessories, or wear the device in a manner that is not in accordance with the instructions for use.
- Do not use if damaged.
- The electronic device ADDED AUTONOMOUSLY TO DEVICE must not be immersed in water unless certified for such use.

## 11. ADVERSE EVENTS

In the event of a serious accident or adverse event, discontinue use immediately and report it to the manufacturer and the competent authority pursuant to Article 87 of the MDR.

## 12. CLEANING AND MAINTENANCE

- Rinse with fresh water after each use.
- Dry completely.
- Use neutral detergents.
- Do not sterilize.
- Do not use harsh chemicals.



**13. STORAGE**

- Store the deflator in a cool, dry place, away from direct sunlight.
- Store the canisters according to the manufacturer's instructions.

**14. LIFESPAN**

- The lifespan depends on use and maintenance.
- Replace the device if it deteriorates or loses performance.

**15. DISPOSAL**

- Dispose of the device and canisters according to current regulations.
- Do not dispose of in the environment.

16.	SYMBOLS	(ISO	15223-1)	
CE	– Europe	an Con	formity	
⚠	Warning			
📖	Consult	instru	ctions for	use
✖ N	ot a lif	e-savi	ng device	
🔋	Battery	operat	ed	
👉	Compress	ed air		
♻	Appropri	ate di	sposal	

### **1. Is this a medical device?**

No.

At present, this product is not classified as a medical device.

However, it is well suited for post-traumatic rehabilitation and assisted swimming for people with disabilities, under proper supervision.

### **2. What is the device used for?**

It is used to:

- support buoyancy,
- improve stability in water,
- assist swimming,
- support rehabilitation and functional recovery exercises.

### **3. Who can use the device?**

It can be used by:

- adults,
- women,
- children (only with suitable size and model),
- people with disabilities.

**⚠ Children and users with reduced mobility must always be supervised.**

#### **4. Where can it be used?**

The device can be used:

- in swimming pools,
- in the sea,
- in supervised aquatic environments.

#### **5. How can the device be inflated?**

The device can be inflated using:

- a Bluetooth electronic pump,
- a manual pump,
- a 0.50-liter rechargeable air cylinder, using a bike-compatible accessory.

#### **6. Can I inflate the device in the water?**

Yes.

The device is designed to be:

- worn while deflated,
- inflated **directly in the water** according to personal needs.

#### **7. How much should I inflate it?**

Inflation can be adjusted to:

- achieve the desired rigidity,
- optimize performance during swimming or exercise.

 Do not exceed the maximum pressure specified by the manufacturer.

**8. Can I deflate it while in the water?**

Yes.

The device can be **deflated in the water** to adjust:

- buoyancy,
- comfort,
- performance.

**9. Can I adjust inflation multiple times during use?**

Yes.

The device allows multiple inflation and deflation cycles during activity.

**10. Is it safe for people with disabilities?**

Yes, when used correctly.

It is suitable for **assisted swimming and water rehabilitation** but **must always be supervised**.

**11. Is this device a life jacket?**

No.

This device is not a life-saving device.

**12. What should I do if it loses air?**

Stop using the device immediately and **leave the water**.

**13. How do I clean it?**

- Rinse with fresh water after use.
- Use mild detergents.
- Dry completely before storage.

**14. How should it be stored?**

- Store **deflated**.
- In a cool, dry place.
- Away from direct sunlight and heat sources.