

EXOSKELETON
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EXO



PUCE | 泰坦臂
PUIND0101

Quick Guide
产品使用说明



HOTLINE
400 018 2086

广州海同工业技术有限公司
地址：广东省广州市白云区西槎路聚龙工业区799号6栋一楼
电话：020-36464335
传真：020-36464300

武汉海同机器人控制系统有限公司
地址：湖北省武汉市洪山区邮科院路88号武汉国际创客中心
—号楼5层2区
电话：027-85630916

Guangzhou Hyetone Industrial Technologies Co., Ltd.
Block 6, 799 Xicha Rd., Baiyun District, Guangzhou,
Guangdong Province, P.R.China. 510407
Tel: +86-20-36464335
Fax: +86-20-36464300

Wuhan Hyetone Robotics and Control Systems Co., Ltd.
Zone 2, 5th Floor, Block 1, Wuhan International Creator
Center, 88 Youkeyuan Rd., Hongshan District, Wuhan,
Hubei Province, P.R.China. 430074
Tel: +86-27-85630916

Hyetone™ 海同工业 www.hyetone.com

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Maintenance/Repair

WARRANTY CARD

Name _____ Time _____

Model _____ Serial number _____

Date	Problem and Approach	Work done	Signature

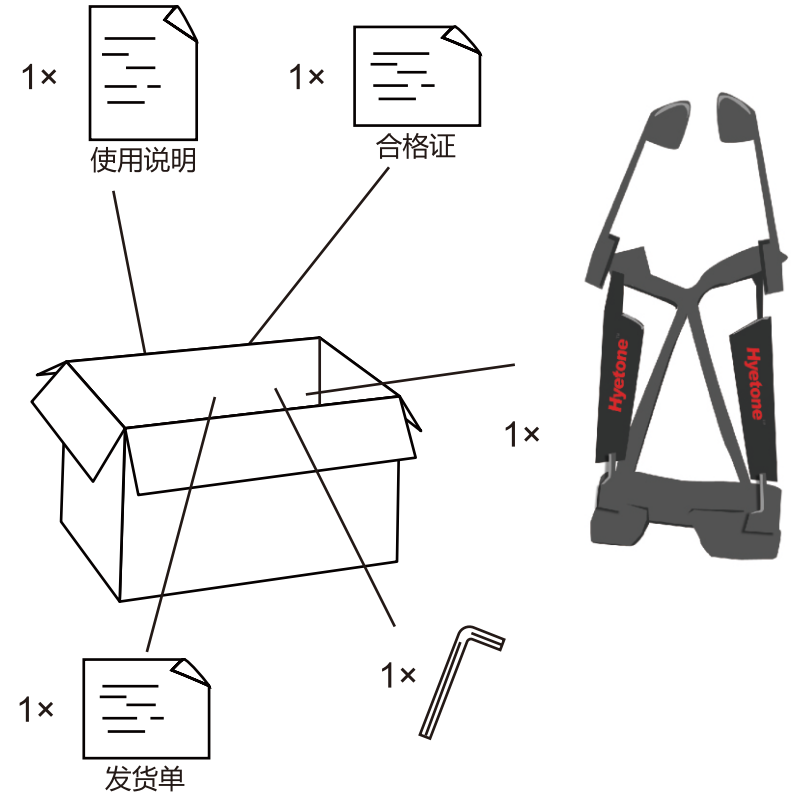
One of the following conditions is not within the scope of the exemption

- Product failure caused by not complying with this quick guide
- Failure caused by self-disassembly and repair
- Failure caused by accident, misuse, misuse, intentional damage

Within one year from the purchase, under normal use, the purchaser can contact the manufacturer to provide free service with the sales invoice, "warranty card" and other purchase vouchers. For products that are out of warranty or are not subject to free repair, the company's technical service department will also provide paid services.

The manufacturing unit has the right to modify, and All contents in this manual have been carefully checked. If there are any printing errors or misunderstandings, the company reserves the right of final interpretation.

物品清单



产品参数

规格型号	PUIND0101MBK
自重	≤2kg
适用身高	1.6~1.85m
适用体重	40~85kg
助力效果	≥70%

PU-IND-01-01-M-BK

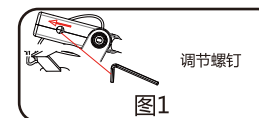
产品 种类 规格 版本号 尺寸 颜色

注意

- 1.表中参数仅供参考，具体以实物铭牌为准
- 2.保留更改产品设计与规格的权利

Warranty&After-sales service

1. Do not disassemble the components of the Titan Arm (PUCE) at random. Inspection and maintenance work must be performed by trained technical personnel, so as not to affect the structural integrity and the precision of the coordination of the components, which will deteriorate the auxiliary performance.
2. The Titan Arm (PUCE) should be lightly loaded and unloaded during transportation to avoid rain, moisture, and exposure, and to avoid mixing with oil, acid, alkali and other flammable, corrosive items or chemicals.
3. The Titan Arm (PUCE) should be stored in a dry and ventilated warehouse. It must not be exposed to high temperatures, open flames, strong acids and sharp hard objects. Avoid direct sunlight.
4. The wearables are soaked with sweat after use, and need to be dried before they can be stored, and can not be stacked freely, they need to be hung and placed.
5. After each use, you need to adjust it and put it back so that the energy storage components are in the reset condition. The adjustment positions are shown in Figures 1 below.



6. During normal use of the Titan Arm (PUCE), check whether the energy storage cord is damaged according to the frequency of use and the reciprocation of the hand. Once the energy storage cord is found to be worn or scratched or damaged, it should be replaced in time.
 - 1) Check the condition of each part of the device before wearing each time to ensure that it can be used normally;
 - 2) Use every day, the frequency is less than 125 times / hour, once a week maintenance;
 - 3) Use every day, the frequency is greater than or equal to 125 times / hour, and maintain once every 3 days.
7. To clean the Titan Arm (PUCE), please use a damp cloth, clean water / warm water and mild cleaning products (cleaning products that do not contain solvents).
 - 1) Make sure that no water enters the moving parts. Never immerse this product in water.
 - 2) Do not use any solvents, bleach, polish, etc.



Contact

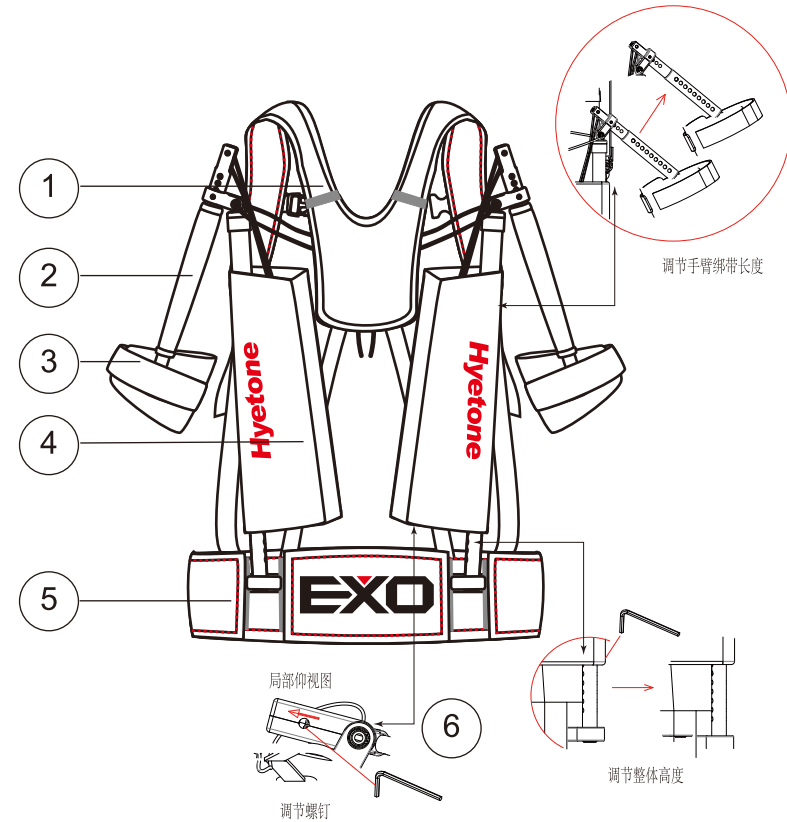
Thank you for choosing our products. Please fill up the "Warranty Card" and send it to us. Contact us on **400-018-2086** if you have any questions. We are happy to process your request.

Note

The information in this document is subject to change without notice. Please contact Customer Service for more information.

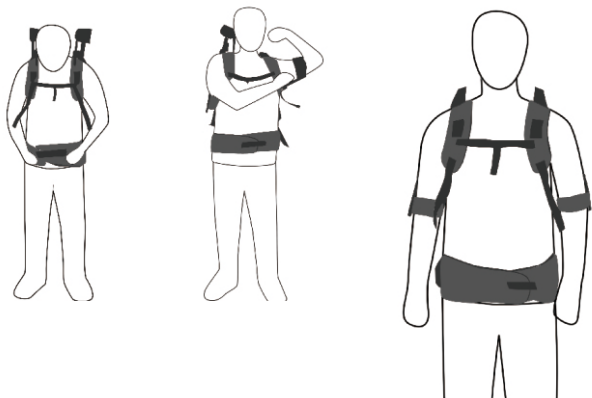
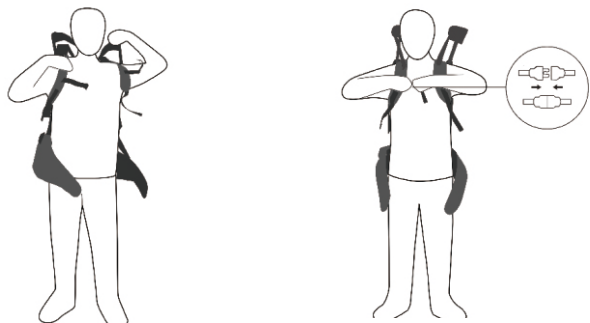
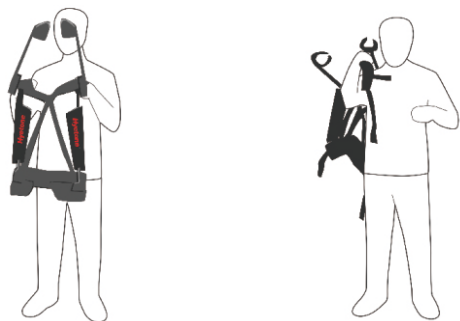
6th Building, 799 Xicha Rd., Baiyun District, Guangzhou, Guangdong Province, P.R.China. 510407
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结构示意图

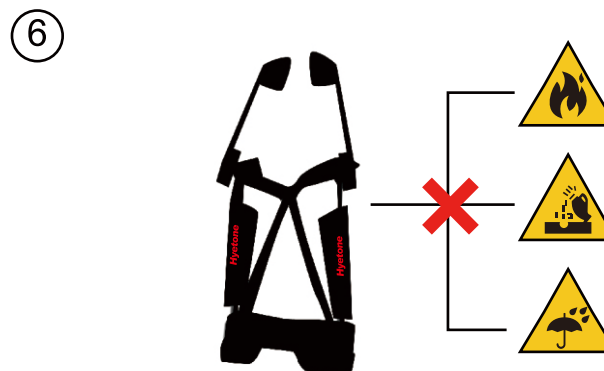
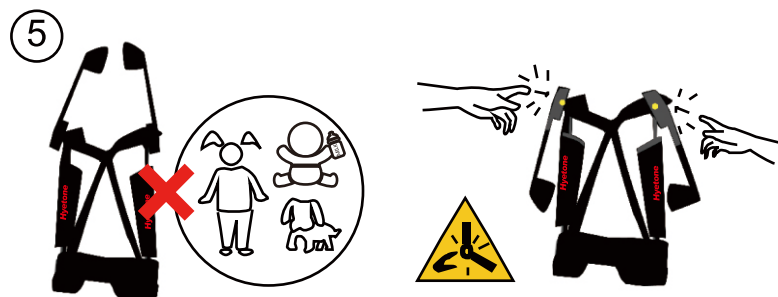


- | | |
|--------|--------|
| 1 背带 | 4 蓄能盒 |
| 2 骨架 | 5 腰带 |
| 3 手臂绑带 | 6 力调节口 |

穿戴设置

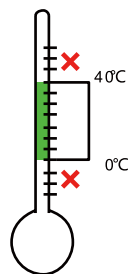


Contact



Use Tips

①



② First use

(For better using experience, user should avoid prolonged use of the products in the first 4 to 5 days of use to facilitate adaptation of their body to the exoskeleton.)

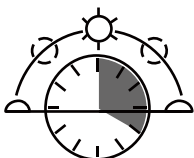
Day 1
max 1 hr



Day 2
max 2 hrs



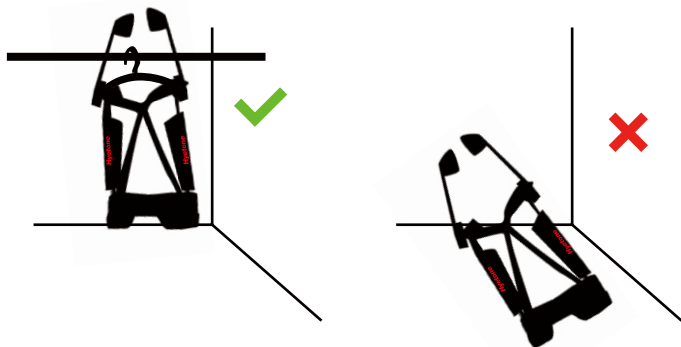
Day 3
max 4 hrs



Day 4
max 8 hrs



③



穿戴设置

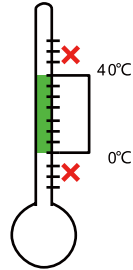
- 1、使用前，注意检查产品是否有破损
- 2、背部弹力圆绳按压绳扣，调至小于自己的背宽
- 3、调节合适弹簧力，弯曲几下左右托手关节进行判断
- 4、双肩穿入背带，扣紧胸前卡扣
- 5、背后正腰位置处有两调节扣，拉住织带尾端，调至适合自己的腰长（梯扣尾端弧形处轻勾起即可放松织带，拉住织带尾端向下拉即可收紧）
- 6、腰带对齐髌关节处，拉住两织带尾端向两侧拉紧，调至舒适位置（勾起调节扣尾端即可放松织带）
- 7、拉住背带织带尾端向下拉，调至舒适位置
- 8、将托臂放至于手臂肱三头肌内侧头处，扣上磁扣，拉起魔术贴调至舒适位置固定（太松手臂容易走位，太紧勒的手臂难受）
- 9、穿戴完成后，上下左右活动手臂，确认弹簧储能工作

外骨骼视频讲解
请扫描右方二维码查看



使用建议

①

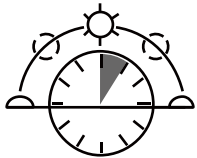


②

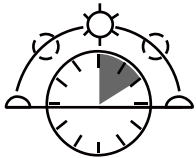
初次使用适应时长

(使身体适应外骨骼,在使用产品前的4-5天内应避免长时间使用)

第一天
最多 1小时



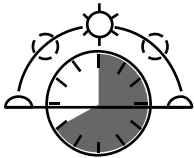
第二天
最多 2小时



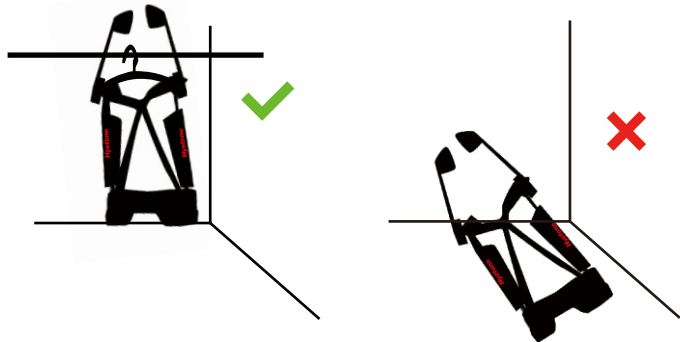
第三天
最多 4小时



第四天
最多 8小时



③

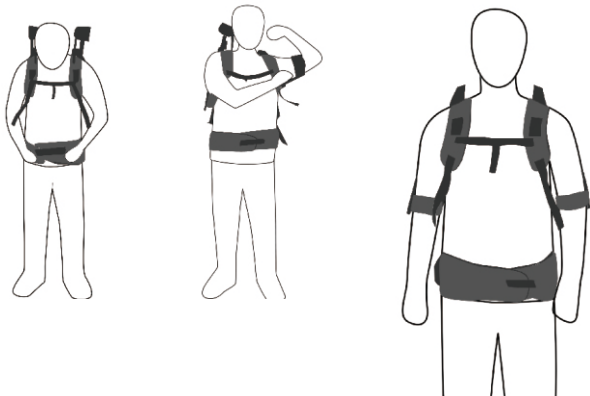
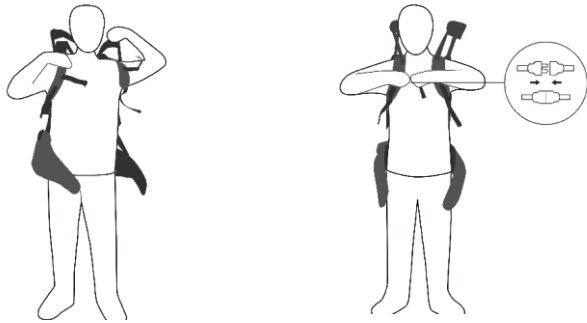
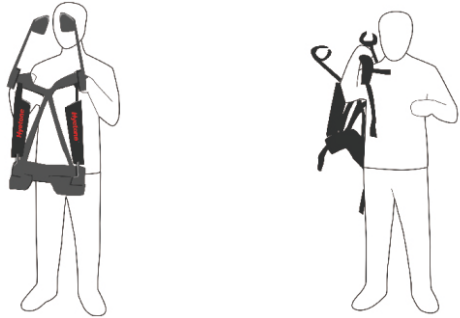


Setup/Preparations

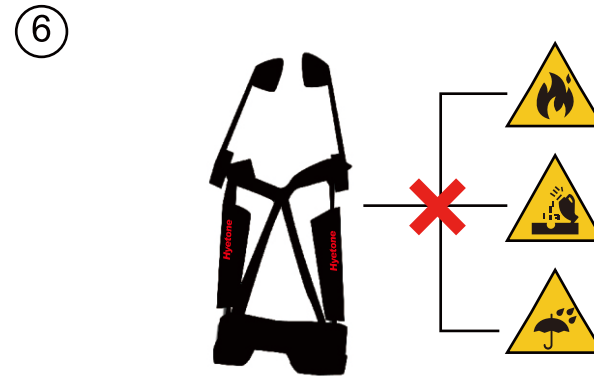
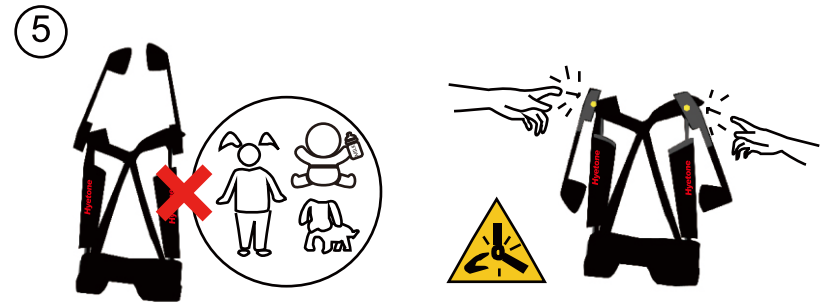
1. Check the product for damage before donning it.
2. Adjust the elastic rope on the back to a length shorter than the width of your back by pinching the buckle.
3. Adjust the spring force to well assist your arms, and check by lifting arms them up and down.
4. Put one strap over each shoulder and fasten the buckle on your chest.
5. There are two straps at the right waist position. Clip the belt around your waist and tighten it by using the straps. (Lift up the curved end of a strap to release the belt. Pull down the ends of belt to tighten it)
6. Align the waist belt with the hip joint and keep the two ends pulled to make things comfortable. (Lift up the end to release the belt)
7. Keep your shoulder straps pulled forward and firm to make it comfortable.
8. Put your arm on the skeleton arm and fasten the magnetic buckle. Tighten your arms and press the hook-and-loop fasteners. (Properly tighten your arms and keep them comfortable)
9. Move your arms up, down, left and right a few times to make sure that the Energy Storage Boxes work properly.



Setup/Preparations



危險警示



联系我们

感谢您对海同工业产品的信任与支持！为更及时的为您提供维修、咨询等服务，请认真填写《海同工业产品保修卡》，并妥善保管。您在使用过程中如有疑问，欢迎拨打全国服务热线400-018-2086与我们联系，我们将尽快给予您满意的答复。

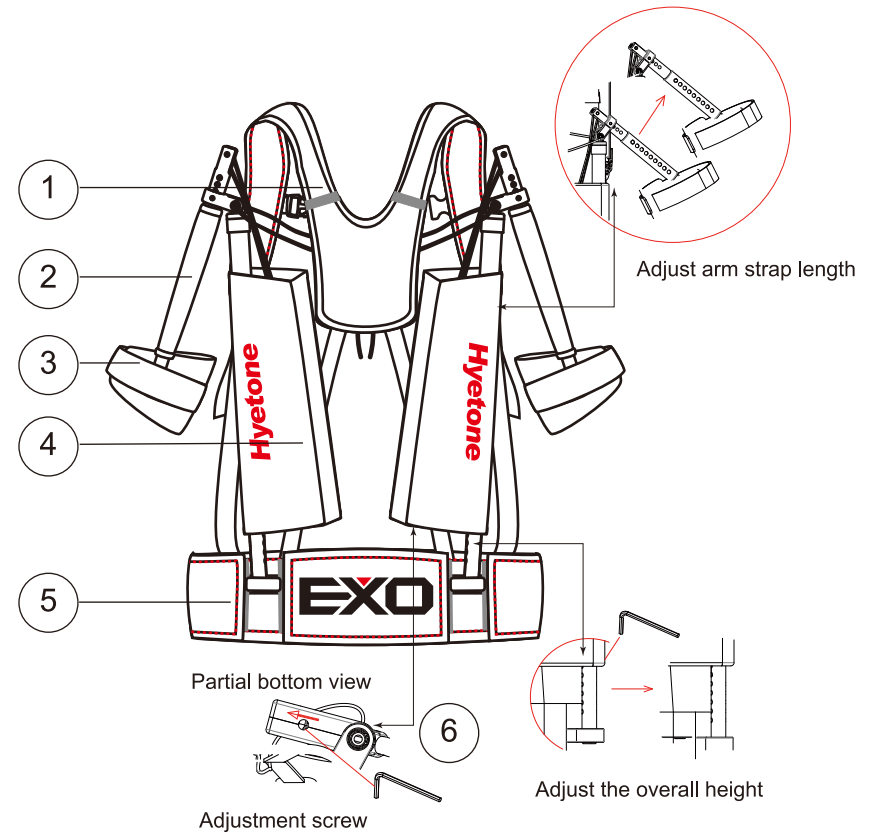
地址：广州市白云区西槎路聚龙工业区799号6栋一楼

邮编：510407

公司网站：www.hyetone.com

注：此说明书内容会不定期进行修订，可能会与实际产品有出入，请电话咨询海同工业客服。

Vest Hardware



- | | | | |
|---|------------|---|------------------------------|
| 1 | Suspenders | 4 | Energy Storage Box |
| 2 | Skeleton | 5 | Waist Belt |
| 3 | Arm Strap | 6 | Sprint Force Adjustment hole |

Specifications

Model	PUIND0101MBK
Weight	≤2kg
Worker Height Range	1.6~1.85m
Worker Weight Range	40~85kg
Adjustable Lift Assistance	≥70%

PU-IND-01-01-M-BK

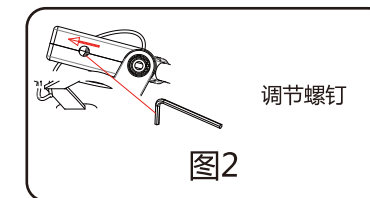
Product Series Norm Code Size Color

Note

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维护保养

- 1、泰坦臂(PUCE)各部件不要随意拆卸，检查和维修工作必须由经过培训的技术人员来执行，以免影响结构的完整性和各部件的配合精度，使辅助性能变差。
- 2、泰坦臂(PUCE)在运输中应轻装轻卸，避免雨淋、受潮、曝晒，避免与油、酸、碱等易燃、腐蚀物品或化学药品混装。
- 3、泰坦臂(PUCE)应贮存在干燥、通风的仓库中，不得接触高温、明火、强酸和尖锐的坚硬物体，应避免阳光直射。
- 4、使用后穿戴件被汗液湿透，需要晾干后才能存放好，且不能堆叠随意摆放，需要挂好摆放。
- 5、每次使用完需调节后放好，使储能部件处于复位状况，调节位置如下图1所示。



- 6、在正常使用泰坦臂(PUCE)过程中，根据使用以及手的往复频繁程度检查储能拉绳是否有破损，一旦当发现储能拉绳有磨损刮伤或损坏时应及时更换。
 - 1) 每次穿戴前需要检查设备的各部位的情况，确保都能正常使用；
 - 2) 每天使用，频率小于125次/小时，1周维护1次；
 - 3) 每天使用，频率大于等于125次/小时，每3天维护1次。
- 7、清洁泰坦臂(PUCE)，请使用湿布，清水/温水和温和的清洁产品（不含有溶剂的清洁产品）。
 - 1) 确保没有水进入移动部件。切勿将本产品浸入水中。
 - 2) 请勿使用任何溶剂、漂白剂、抛光剂等产品。



保修售后

WARRANTY CARD

保 修 卡

顾客姓名 _____ 购买日期 _____

产品型号 _____ 产品编号 _____

保修日期	故障及处理方法	完成日期	顾客签字

下列情况之一不在保修范围内

- 没有按说明书上的要求而造成的操作故障
- 由于自行拆卸、修理而造成的故障
- 由于意外、误用、乱用、故意损坏而造成的故障

售后服务

自购买起一年内，在正常使用情况下，购买者可凭销售发票、《保修卡》等购买凭证联系厂家提供免费服务。对于超过保修期或者不属于免费维修的产品，本公司技术服务部也会热情提供有偿服务。

注意

制造单位有改型的权利，恕不另行通知。本说明书上所有内容均经过认真核对，如有任何印刷错漏或内容上的误解，本公司保留最终解释权。

Packing List

