

3K70

ANTI-INTERFERENCE LOCK PNEUMATIC POLYAXIAL POLYCENTRIC KNEE JOINT

Providing smooth gait cycle and hydraulically providing a gentle end to swing phase and giving proprioceptive feedback and can be adjusted to suit high activity demands.

细致无遗 完美展现

步态周期平稳、液压系统使摆动相末期变得柔和，并提供摆动期的感受反馈，可调节适合于更大活动等级需要。



主要特点和优势

- 美国研制，优质保证，仿生抗干扰锁功能，结合出色的气压控制技术，从支撑期到摆动期步态流畅自然，减少使用者的体能消耗，延长了可连续行走的时间。
- 抗干扰锁仿生设计，解决了斜坡行走以及在不平路面行走的安全问题，完成不同步速的自然转变，克服影响步行安全的干扰，使步行能力达到轻松自如的状态。
- 外置式大功率缸体设计，提速快散热性能较好，关节摆动平滑有力，步行时在快慢之间都能自然的完成一个流畅的步态。
- 膝弯曲连接件轻薄设计，是长残肢，膝关节离断等截肢患者的理想首选，坐立时的美观性形如常人。
- 多轴密封滚针轴承设计，延长了关节的使用寿命，是一般关节寿命的 3 倍以上。
- 可移动式膝上四棱椎连接盘，可 360 度旋转调节，调整人体重力线 $\pm 5\text{mm}$
- 人性化大屈膝角度设计，给使用者提供了方便。



- Developed by the USA with high quality guarantee, the function of bionic anti-interference lock combined with excellent pneumatic control technology will provide a smooth and natural gait from the stance phrase to swing phrase, reduce the physical consumption of patient, prolong the continuous walking time.
- The design of anti-interference bionic lock providing effective solution to the safety problem of uneven-surface walking and down-slope walking; smooth shift from different walking speed; screening all interferences that may have impact on walking safety to achieve easy and natural walking.
- External high power cylinder design to achieve faster acceleration, more efficient heat radiation, more smooth and powerful joint swing, yielding a smooth and complete gait cycle for both slow and fast walking.
- Extra-thin knee curve connection piece design for patients of long residual limbs and knee disarticulation, etc. The design of patella makes sitting phase more natural.
- The design of multi-axis sealed needle roller bearing increase the knee joint service life by more than three times as compared with conventional knee joint.
- Movable pyramid connection above knee which enable 360 ° rotation and $\pm 5\text{ mm}$ translation adjustment of weight line.
- Big flexion angle design providing more convenience for the users.



产品信息

● 总长度:210mm	● 产品重量:880g
● 航空合金材质	● 体重上限:100kg
● 弯曲角度:150°	

美国总部地址
美国德拉瓦州多佛市
南杜朋公路3500号

上海总公司地址
中国上海市华腾路1218号
嘉壹智汇39号楼3层

热线电话: 400-820-3346 800-988-1228
传真: 021-66182982
网址: usa-yoband.com
邮箱: usa-yoband@usa-yoband.com

