



RELAX Series

- With IEC 60601 test report for safety and reliability.
- Safe and comfortable human-machine interaction design
- Multiple training modes to enhance active motor skills
- Enhances walking ability through repetitive high-frequency walking training

Application Case

It is suitable for rehabilitation training for individuals with lower limb motor function disorders. It has already been used in schools such as the Hong Kong Christian Service's Pui Yi School, the Hong Kong Red Cross' Margaret Trench School, Haven of Hope Sunnyside School, and the Duchess of Kent Children's Hospital in Tai Hau Wan.



Lower Limb Rehabilitation Robot

For enhancing active motor function of children

Functional Features



Compliant Actuated Joints for high efficiency and stability

Using compliant actuated joints effectively absorbs impact, protecting the joints. It precisely identifies movement intentions, providing external power assistance appropriately and timely.



Bionic design for comfortable wear

The bionic structure conforms to children's body shapes and adjusts according to their movement characteristics, ensuring high comfort and a more natural walking gait.



Ground contact feedback for motor function restoration

Real-world walking training and actual ground contact feedback improve the functions of children's motor and nervous systems, accelerating the restoration of motor functions.



Multiple safety devices for reliability

Equipped with safety locks and emergency stop buttons, the exoskeleton ensures high safety and stability, guaranteeing the child's safety during use.



Various training modes for enhancing active motor skills

Featuring multiple training modes such as leg swing training, continuous training, and single-step training, the exoskeleton enhances children's active mobility, accelerating the recovery of limb motor functions.

Product Specifications

Product Name	RELAX	Drive Joints	Bilateral hip and knee Joints
Types	RELAX Series: C1, C2, C3	Applicable Weight	≤60kg
Modes	Continuous Walking, Single-Step Walking, Continuous Stepping, Single-Step Stepping, Leg Swing Training	Applicable Height	90~150cm

MileBot Robotics Co., Ltd.

☎ Hotline: +86-755-86544279

✉ Email: alexzhou@milebot.com.cn

🌐 Website: <http://www.milebot.com.cn>

📍 B502, Shenzhen National Engineering Laboratory Building, Nanshan District, Shenzhen, China