Live freely and independently do more with the iARM

Work, school, household chores, hobbies, socialising – these are all everyday activities for which you need to use your arms and hands. You prefer doing everything on your own as much as possible; freely and independently; after all, that’s what everyone wants. The iARM enables you to do just that. This Personal Assistant is practical, uncomplicated and safe to use, so you can get the most out of the “better things in life”.

www.assistive.nl
Your Personal Assistant

The iARM or intelligent Arm Robot Manipulator, was designed primarily for people like YOU - people with limited or non-responsive muscular capacity. People whose muscle restrictions are due to degenerative illnesses such as SMA, MS, ALS or Duchenne’s. This Personal Assistant lets you explore available opportunities, and discover activities you can do on your own.

Inspired by nature, the iARM consists of a freely movable ‘arm’ and ‘hand’ gripper that can help you to perform a range of activities, including eating and drinking, walking the dog, brushing your teeth, or even scratching your forehead. The robot arm can lift up to 1.5kg (3.3lb), and the gripper has rubber fingertips which provide extra grip when holding an object. To summarise, the iARM is helpful to the user and sturdy.

SELF-CONFIDENCE
You can also perform delicate tasks with the iARM, such as placing DVD’s in a disc player, or a USB stick in a computer. Or, perhaps you would like to paint a picture or play a musical instrument?. Using the iARM, you can also put on earrings and make-up or shave, which is great for your self-confidence, and more importantly; it gives you greater independence and privacy.

SIMPLE INSTALLATION
The iARM can be easily installed on most powered wheelchairs. The robot arm can be connected to the wheelchair’s electrical supply, so no additional is required. The iARM is available in both right and a left-handed models.

EFFORTLESS
The iARM controls can be adapted to your needs, and the possibilities of your wheelchair. You can choose a one-button control, a separate
Eric (46), Becker’s muscular dystrophy, (i)ARM user since 2005
‘I am really happy with the iARM. It gives me independence. I use it in various ways, for example, when drinking, eating bread, putting post in the post box or picking things up off the ground. I am now experimenting with shaving and brushing my teeth. I recently discovered that I can use the arm to move my leg, which is handy when you have a cramp. I can also get a bapao roll at the Asian fast food place’.

Marleen (16), Merosin-negative congenital muscular dystrophy, iARM user since 2009
‘I’ve been using it now for more than six months and it really suits me. The iARM is easy to use and I mastered it quickly. I’ve also tried out everything and, yes, sometimes things do go wrong. I accidentally dropped a bottle and then everything got wet. I take it to school where it’s very handy. I like the fact that I can do things myself and that I don’t always have to get someone to help’.

joystick or a keypad. If required, the wheelchair’s existing joystick can also be used. The operating software is very user-friendly and learning how to use the robot arm is quick and easy. You will effortlessly discover an increasing number of ways to use the iARM.

COMPACT
When you are not using the iARM for an extended period of time, you may prefer to stow it within your wheelchair with the push of a button. The arm is so compact that your wheelchair hardly gets any wider. Alternatively, you can choose to have it completely disconnected, and when stored in the protective carrying case - nothing can happen to it.

SERVICE
Naturally, we will provide support services and assist with any malfunctions, so that you can continue to use your robot arm without stress and worry. After all, that’s what it’s all about: having a free and independent life by being able to do more with the iARM.
THE iARM AT A GLANCE

Reach
- Radius: 90cm (35.4")
- Optional lift with an additional 20cm (7.9") radius
- Six axes provide freedom of movement
- Maximum gripper opening: 9cm (3.5")

Strength and speed
- Lift capacity: 1.5kg (3.3lb)
- Weight: 9kg (19.8lb)
- Maximum movement speed: 15cm (5.9") per second
- Three adjustable speeds

Operations/control
- Joystick (separate or belonging to the wheelchair), keyboard or one button
- User-friendly software with five menus which, among other things, allows you to record and replay frequently made movements
- Integrated LED display (5x7) with buzzer; external version optional
- "NaturALL" operation where the gripper automatically follows the movement selected

Installation
- Various installation options
- Robust housing
- 24 V dc power
- Energy-efficient, uses less than 24W

WANT TO KNOW MORE?
Kindly visit our website or your local dealer.