



Espire Pro

The Espire Pro is a revolutionary powered elbow that is easy to use and anatomically correct. With a powerful battery and a comfortable centre of mass, this elbow functions all day with ease. The electronic lock, free swing options, and accessible power button add ease to patients' everyday tasks. The Pro is compatible with most terminal devices, switches, touch pads, and electrodes on the market.



Technical Specifications

WEIGHT LIMIT

11.3 kg (25 lb)

WEIGHT

Small | 1075 g
Standard | 1095 g

SIDES

Left
Right

MAXIMUM LIFTING FORCE

10 ft-lb (13.6 N-m)

FLEXION ANGLE (PRESET CONTROL)

-5 - 135°

CONNECTIONS

Inputs | 12
Outputs | 4

POWER

Ships with two 3,000 mAh Li-Ion batteries

WARRANTY

2 years (additional 2 year warranty available for purchase)



Espire Hybrid

The Espire Hybrid has the same electronics and battery as the Pro—without the powered elbow joint. This model includes a forearm counterbalance mechanism and an electronic lock. This adjustable feature counterbalances the weight of the forearm, wrist, and terminal device, negating the effects of gravity. This allows the patient to position the forearm with minimal effort. The Hybrid conveniently uses the same inputs as the Pro to control terminal devices.



Technical Specifications

WEIGHT LIMIT

11.3 kg (25 lb)

WEIGHT

Small | 966 g
Standard | 986 g

SIDES

Left
Right

MAXIMUM LIFTING FORCE

N/A

FLEXION ANGLE (PRESET CONTROL)

-5 - 135°

CONNECTIONS

Inputs | 12
Outputs | 4

POWER

Ships with two 3,000 mAh Li-Ion batteries

WARRANTY

2 years (additional 2 year warranty available for purchase)

Features

Battery | Pro and Hybrid

The Espire's removable 3000 mAh battery can provide the user with a full day of function, even with a wrist rotator and multi-articulating hand. Each Espire Pro and Hybrid comes with two easily interchangeable batteries. The charging dock can quickly refuel the battery in as little as 3.5 hours.



Lift and Hold | Pro

Lift and hold with confidence. The Pro's unique gearbox allows for a very powerful elbow capable of performing everyday tasks. It can dynamically lift 4kg, and statically hold 11kg.

Hub App | Pro and Hybrid

Compatible exclusively with the iPad, Steeper's Espire Hub makes setup easier than ever. Using a wireless Bluetooth connection, prosthetists have access to control strategy and device customisation.

Power Button | Pro and Hybrid

The power button, though easily accessible, is recessed to avoid accidental engagement.

Modern, Anatomical Shape | Pro and Hybrid

This design blends technology with humanity to appeal to the wide range of patient demographics. The Espire is designed to emulate an anatomical forearm and wrist in every way possible. Because of this, the arm looks natural in a comfortable resting position.



	<i>Myocontrol options, inc. the TruSignal AC Electrodes</i>	<i>Set-up through the Espire Hub App for iPad</i>	<i>Number of inputs/outputs</i>	<i>Locking functions</i>	<i>Elbow function</i>	<i>Custom shell options</i>	<i>Clean-line shell and anatomical shape</i>	<i>Wrist options</i>
Pro	●	●	12/4	Electric	Powered	●	●	Small (45mm) and Standard (50mm)
Hybrid	●	●			Counter-balance	●	●	

Colour Options

Custom colours also available

