



# Myoelectric Hands

## **Myo Select**

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# Steeper Myoelectric Hands

## Myo Select

The Select range of myoelectric hands are electrically operated devices designed to meet the needs of most upper limb amputees. This range offers durability, reliability and quality design features. With a powerful mechanism and a grip force output suitable for most routine daily tasks provided to the user.

With on-board microprocessor technology, our myoelectric hands offer maximum flexibility. Innovative, built-in electronics provide a choice of nine control modes for the hand, selected using the dial switch feature. The on-board system also includes an electronic 'gear change' allowing power to be stored and released on demand.

### Features

- Controlled with myoelectrodes or switch inputs
- Electronics equipped with patented Powerforce™ technology
- Supercapacitor technology (sizes 7¼ - 8¼) provides efficient control and power conservation
- Nine control modules
- Electronic 'gear change'
- 2 wrist options available; Quick Disconnect Wrist and Friction Wrist
- 2 thread options available; North American Thread (1/2 x 20 TPI) and European Thread (M12 x 1.5mm)

### Technical Information

Technical Information : Myo Select Hand With Quick Disconnect Wrist						
(Performance figures have been measured with a fitted hand shell)						
Size	Speed	Grip Strength	Max Opening	Weight with Inner Glove	Length (Base Hand Shell to Thumb Tip)	Operating Voltage
6 ¾	1.5 seconds	40N (9.5lbf)	65mm (2 5/8")	320g (11oz)	116mm (4 1/2")	7.2V DC
7 ¼	0.8 seconds	80N (19lbf)	100mm (4")	470g (1lb)	140mm (5 1/2")	7.2V DC
7 ¾	0.8 seconds	80N (19lbf)	100mm (4")	510g (1lb 2oz)	143mm (5 5/8")	7.2V DC
8 ¼	0.8 seconds	80N (19lbf)	100mm (4")	520g (1lb 2oz)	147mm (5 3/4")	7.2V DC

### Wrist Options



Quick Disconnect Wrist      Friction Wrist      North American Thread (1/2" x 20TPI)      European Thread (M12 x 1.5mm)

For further wrist options please refer to the Steeper Upper Limb Catalogue.



The Myo Select myoelectric hand offers durability, reliability and quality design features.

The Steeper myoelectric hand with hand shell (pictured), is compatible with our full range of Elegance gloves, providing full hand function with excellent cosmetic properties. Our range of full-length, long-mould PVC and silicone gloves are designed exclusively for the rigours of functional activity associated with a myoelectric hand.

For further information on compatible components and gloves please refer to the Steeper Upper Limb Catalogue.

### Powering the Myo Select

Powering the Myo Select is easy thanks to Steeper's new S-Charge System, which employs the very latest advances in battery technology.

The S-Charge System is a user friendly, flexible, internal battery system with an OLED display and a magnetic charger, which is fitted into a prosthetic forearm. The S-Charge System allows the user to easily activate, deactivate and charge their myoelectric hand, all whilst confidently monitoring the power status during use through the display of real-time battery life icons.



## Myo Select Part Numbers

Please refer to the Steeper Upper Limb Catalogue for additional components, hand shell and Elegance gloves. To order please contact customerservices@steepergroup.com.

Myo Select - Quick Disconnect Wrist						
Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
MYA675LQD	6 ¾	Left	Child (8-12 yrs)	40mm (1 ½")	310	310
MYA675RQD	6 ¾	Right	Child (8-12 yrs)	40mm (1 ½")	311	311
MYA725LQD	7 ¼	Left	Adolescent/Adult	45mm (1 ¾")	306	304
MYA725RQD	7 ¼	Right	Adolescent/Adult	45mm (1 ¾")	307	305
MYA775LQD	7 ¾	Left	Adult	50mm (2")	302	312
MYA775RQD	7 ¾	Right	Adult	50mm (2")	303	313
MYA825LQD	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
MYA825RQD	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a

  

Myo Select - Friction Wrist						
Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
MYA675LFW	6 ¾	Left	Child (8-12 yrs)	45mm (1 ¾")	310	310
MYA675RFW	6 ¾	Right	Child (8-12 yrs)	45mm (1 ¾")	311	311
MYA725LFW	7 ¼	Left	Adolescent/Adult	50mm (2")	306	304
MYA725RFW	7 ¼	Right	Adolescent/Adult	50mm (2")	307	305
MYA775LFW	7 ¾	Left	Adult	54mm (2 ⅛")	302	312
MYA775RFW	7 ¾	Right	Adult	54mm (2 ⅛")	303	313
MYA825LFW	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
MYA825RFW	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a

  

Myo Select - North American Thread (½" x 20TPI)						
Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
MYA675LNA	6 ¾	Left	Child (8-12 yrs)	40mm (1 ½")	310	310
MYA675RNA	6 ¾	Right	Child (8-12 yrs)	40mm (1 ½")	311	311
MYA725LNA	7 ¼	Left	Adolescent/Adult	45mm (1 ¾")	306	304
MYA725RNA	7 ¼	Right	Adolescent/Adult	45mm (1 ¾")	307	305
MYA775LNA	7 ¾	Left	Adult	50mm (2")	302	312
MYA775RNA	7 ¾	Right	Adult	50mm (2")	303	313
MYA825LNA	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
MYA825RNA	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a

  

Myo Select - European Thread (M12 x 1.5mm)						
Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
MYA675LEU	6 ¾	Left	Child (8-12 yrs)	40mm (1 ½")	310	310
MYA675REU	6 ¾	Right	Child (8-12 yrs)	40mm (1 ½")	311	311
MYA725LEU	7 ¼	Left	Adolescent/Adult	45mm (1 ¾")	306	304
MYA725REU	7 ¼	Right	Adolescent/Adult	45mm (1 ¾")	307	305
MYA775LEU	7 ¾	Left	Adult	50mm (2")	302	312
MYA775REU	7 ¾	Right	Adult	50mm (2")	303	313
MYA825LEU	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
MYA825REU	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a