

Myoelectric Hands Myo Select



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
- Supercapacitor technology (sizes 7¼ - 8¼) provides efficient control and power conservation
- 2 thread options available; North American Thread (1/2 x 20 TPI) and European Thread (M12 x 1.5mm)

- Nine control modules
- · Electronic 'gear change'
- 2 wrist options available; Quick Disconnect Wrist and Friction Wrist



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.

Technical Information

Technical Information : Myo Select Hand With Quick Disconnect Wrist										
(Performa	(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 %")	320g (11oz)	116mm (4 ½")	7.2V DC				
7 1/4	0.8 seconds	80N (19lbf)	100mm (4")	470g (1lb)	140mm (5 ½")	7.2V DC				
7 3/4	0.8 seconds	80N (19lbf)	100mm (4")	510g (1lb 2oz)	143mm (5 %")	7.2V DC				
8 1/4	0.8 seconds	80N (19lbf)	100mm (4")	520g (1lb 2oz)	147mm (5 ¾")	7.2V DC				

Wrist Options



Quick Disconnect Wrist Friction Wrist



North American Thread (½" x 20TPI)

Thread Options



European Thread (M12 x 1.5mm)

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.



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

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 (1½")	310	310				
MYA675RQD	6 ¾	Right	Child (8-12 yrs)	40mm (1½")	311	311				
MYA725LQD	7 1/4	Left	Adolescent/Adult	45mm (1 ¾")	306	304				
MYA725RQD	7 1/4	Right	Adolescent/Adult	45mm (1 ¾")	307	305				
MYA775LQD	7 ¾	Left	Adult	50mm (2")	302	312				
MYA775RQD	7 3/4	Right	Adult	50mm (2")	303	313				
MYA825LQD	8 1/4	Left	Adult	54mm (2 ½")	300	n/a				
MYA825RQD	8 1/4	Right	Adult	54mm (2 ½")	301	n/a				
Myo Select - Fr	riction 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 1/4	Left	Adolescent/Adult	50mm (2")	306	304				
MYA725RFW	7 1/4	Right	Adolescent/Adult	50mm (2")	307	305				
MYA775LFW	7 3/4	Left	Adult	54mm (2 ½")	302	312				
MYA775RFW	7 3/4	Right	Adult	54mm (2 ½")	303	313				
MYA825LFW	8 1/4	Left	Adult	54mm (2 ½")	300	n/a				
MYA825RFW	8 1/4	Right	Adult	54mm (2 ½")	301	n/a				
Myo Solost N										
Myo Select - No	orth America	n Thread (½" x	20TPI)							
Part Number	Size	Left/Right	20TPI) Description	Wrist Unit Option	Male Glove Number	Female Glove Number				
				Wrist Unit Option 40mm (1½")						
Part Number	Size	Left/Right	Description	, in the second second	Number	Number				
Part Number MYA675LNA	Size	Left/Right Left	Description Child (8-12 yrs)	40mm (1½")	Number 310	Number 310				
Part Number MYA675LNA MYA675RNA	Size 6 3/4 6 3/4	Left/Right Left Right	Description Child (8-12 yrs) Child (8-12 yrs)	40mm (1½") 40mm (1½")	Number 310 311	Number 310 311				
Part Number MYA675LNA MYA675RNA MYA725LNA	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄	Left/Right Left Right Left	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult	40mm (1½") 40mm (1½") 45mm (1¾")	Number 310 311 306	Number 310 311 304				
Part Number MYA675LNA MYA675RNA MYA725LNA MYA725RNA	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄ 7 ¹ / ₄	Left/Right Left Right Left Right	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾")	Number 310 311 306 307	Number 310 311 304 305				
Part Number MYA675LNA MYA675RNA MYA725LNA MYA725RNA MYA775LNA	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄ 7 ¹ / ₄ 7 ³ / ₄	Left/Right Left Right Left Right Left Left	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult Adult	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾") 50mm (2")	Number 310 311 306 307 302	Number 310 311 304 305 312				
Part Number MYA675LNA MYA675RNA MYA725LNA MYA725RNA MYA775RNA	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄ 7 ¹ / ₄ 7 ³ / ₄ 7 ³ / ₄	Left/Right Left Right Left Right Left Right Left Right	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult Adult Adult	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾") 50mm (2")	Number 310 311 306 307 302 303	Number 310 311 304 305 312 313				
Part Number MYA675LNA MYA675RNA MYA725LNA MYA725RNA MYA775LNA MYA775LNA MYA775RNA MYA825LNA	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄ 7 ¹ / ₄ 7 ³ / ₄ 7 ³ / ₄ 8 ¹ / ₄ 8 ¹ / ₄	Left/Right Left Right Left Right Left Right Left Right Left Right Left	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult Adult Adult Adult Adult Adult Adult	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾") 50mm (2") 50mm (2") 54mm (2½")	Number 310 311 306 307 302 303 300	Number 310 311 304 305 312 313 n/a				
Part Number MYA675LNA MYA675RNA MYA725LNA MYA725RNA MYA775LNA MYA775RNA MYA825LNA MYA825RNA	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄ 7 ¹ / ₄ 7 ³ / ₄ 7 ³ / ₄ 8 ¹ / ₄ 8 ¹ / ₄	Left/Right Left Right Left Right Left Right Left Right Left Right Left	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult Adult Adult Adult Adult Adult Adult	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾") 50mm (2") 50mm (2") 54mm (2½")	Number 310 311 306 307 302 303 300	Number 310 311 304 305 312 313 n/a				
Part Number MYA675LNA MYA675RNA MYA725LNA MYA725RNA MYA775LNA MYA775RNA MYA825LNA MYA825RNA MYA825RNA	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄ 7 ³ / ₄ 7 ³ / ₄ 8 ¹ / ₄ 8 ¹ / ₄ Uropean Three	Left/Right Left Right	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult Adult Adult Adult Adult Adult	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾") 50mm (2") 50mm (2") 54mm (2½")	Number 310 311 306 307 302 303 300 301 Male Glove	Number 310 311 304 305 312 313 n/a n/a				
Part Number MYA675LNA MYA675RNA MYA725LNA MYA725RNA MYA775LNA MYA775RNA MYA825LNA MYA825RNA MYA825RNA MYO Select - Eu	Size 6 ³ / ₄ 6 ³ / ₄ 7 ¹ / ₄ 7 ³ / ₄ 7 ³ / ₄ 8 ¹ / ₄ 8 ¹ / ₄ Size	Left/Right Left Right	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult Adult Adult Adult Adult Adult Description	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾") 50mm (2") 50mm (2") 54mm (2½") 54mm (2½")	Number 310 311 306 307 302 303 300 301 Male Glove Number	Number 310 311 304 305 312 313 n/a n/a Female Glove Number				
Part Number MYA675LNA MYA675RNA MYA725RNA MYA775RNA MYA775RNA MYA825LNA MYA825RNA MyO Select - Eu Part Number MYA675LEU	Size 6 3/4 6 3/4 7 1/4 7 1/4 7 3/4 8 1/4 8 1/4 Size 6 3/4	Left/Right Left Right Left Left Right Left/Right Left/Right Left	Description Child (8-12 yrs) Child (8-12 yrs) Adolescent/Adult Adolescent/Adult Adult Adult Adult Adult Description Child (8-12 yrs)	40mm (1½") 40mm (1½") 45mm (1¾") 45mm (1¾") 50mm (2") 50mm (2") 54mm (2½") Wrist Unit Option 40mm (1½")	Number 310 311 306 307 302 303 300 301 Male Glove Number 310	Number 310 311 304 305 312 313 n/a n/a Pemale Glove Number 310				
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