

Motion E2

Electric Elbow

Motion Control
division of
Fillauer®

Motion E2 Elbow

Product Description

The Motion E2 Elbow is a small, lightweight electric elbow for use with smaller individuals or adolescents. A very versatile elbow, it can be used with simple switch control for a relatively low-cost system or proportional myoelectric control. Forearms can either be prefabricated or available via central fabrication from Fillauer.

Lightweight

At 439 grams (size medium) the Motion E2 Elbow is the smallest, lightest-weight externally powered elbow on the market. Add the versatility of multiple control systems, and the E2 elbow becomes an excellent choice for smaller individuals or light duty applications.

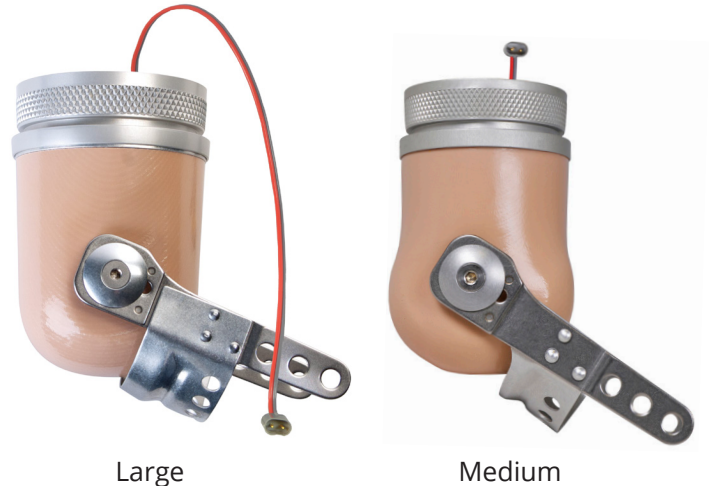
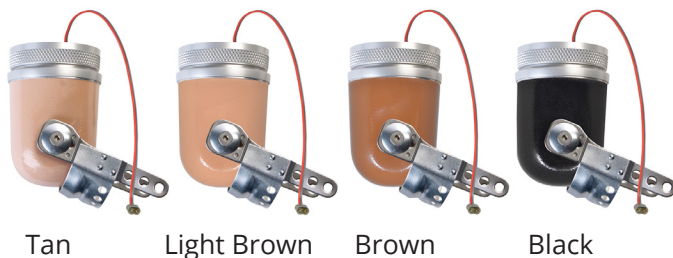
Switch Control

The Motion E2 Elbow may be used with complete switch control for a simple, inexpensive system or myoelectric terminal device with switch controlled elbow or vice versa. This allows customization to the needs of the individual.

Myoelectric Control

The Motion E2 Elbow can be operated with a ProControl 2 module for elbow control and the terminal device (using a Standard Motion Control ETD or Hand). The result is a relatively low cost, lightweight system with proportional elbow and hand control.

The Motion E2 elbow can also be used with in-hand controller terminal devices (such as the Motion Control ProPlus family of terminal devices, i-limb® or bebionic® hands). The Motion E2 Elbow can then be operated via a simple switch, or proportionally via a ProControl 2 module.



Three Degrees of Freedom

A system can be designed with an electric wrist rotator incorporated for a 3 DOF system. Simply call Motion Control for assistance in designing any of the systems.

Forearm Options

Forearms can either be central fabricated, or Motion Control stocks the prefabricated forearms necessary for the E2 elbow in 4 colors, Tan, Light Brown, Brown and Jet Black.

Satisfaction Guarantee

30 days from date of shipment

Warranty

2 year limited warranty

Specifications

	Large	Medium
Excursion Range	135 degrees	135 degrees
Height - Elbow center to Lamination Collar	2½ in/6.4 cm	2½ in/6.4 cm
Diameter	2-13/16 in/7.1 cm	2-3/8 in/6 cm
Weight	16 oz/454 gm	15.5 oz/439 gm
Live Lift	2.2 ft-lbs/3 N-m	2.2 ft-lbs/3 N-m
Lift Time	1.3 - 4.9 seconds	1.3 - 4.9 seconds
Static Load	19 ft-lbs/25.8 N-m	19 ft-lbs/25.8 N-m



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