



## Motion Arm™

The all-new Motion Arm sets the new standard for prosthetic elbows. Robust, durable and IP67 certified dustproof and waterproof, they are built to be used!



*Fillauer*®  
Motion Control



## Product Description

The Motion Arm ML is a manual locking, body-powered, IP67 waterproof\* hybrid elbow for use with electric terminal devices and passive or electric wrist rotators. Completely redesigned, the lock mechanism will support up to 50 ft-lbs at the terminal device.

The input manifold at the top of the humeral section utilizes industry standard connections, all of which are waterproof.

The elbow comes with an adjustable lift tab and spectra lock/unlock cable. Indicator lights show the amount of charge in the battery.

The Motion Arm EL has all the same features but with an electric lock/unlock mechanism perfect for short transhumeral and high-level amputations. There are 3 lock/unlock triggers and the ability to use a switch.

To adjust the trigger parameters, the Motion Arm User Interface (MAUI) easily connects your Apple hand held device to the processor via Bluetooth.

## Satisfaction Guarantee

30 days from date of shipment

## Warranty

- 2 year limited warranty
- 2 additional years extended warranty available

## Ordering Information

[www.UtahArm.com/Catalog](http://www.UtahArm.com/Catalog)

\*For the Motion Arm to be completely waterproof, a waterproof terminal device with waterproof seal at the quick disconnect wrist must in place.

## Product Features

- Dustproof/Waterproof at IP67 certification level\*
- Supports 50 ft-lbs in the locked position
- 3 Lock/Unlock Triggers available
- External switch capability for Lock/Unlock
- Waterproof input manifold
- TD/Wrist disabled when elbow is unlocked or simultaneous TD/Wrist during elbow flexion/extension
- 3000 mAh internal battery
- Low build height
- Pattern Recognition Compatible (COAPT Complete Control™ and IBT Sense)

## Optional Features

- MC Electric ProWrist Rotator
- MC ETD, ETD2, and MC Hand
- Compatible with TASKA®, i-limb® and bebionic® hands, and other manufacturers' terminal devices

## Technical Specifications

Operating temperature: 0° to 44° C (32° to 110° F)

Transport & storage temperature: -18° to 60° C (0° to 140° F)

Load limit (elbow locked): 50 ft-lbs/65 Nm, all directions (+/- 10%)

Range of motion: 0° to 145°

Humeral rotation: 360 degrees, adjustable friction resistance

Weight: 1.7 lbs / 771 grams

Weight with lamination collar/friction band: 1.8 lbs / 816 grams

Build height: 1.75 in / 45 mm

Dimensions (from elbow center of rotation)

Maximum length: 12 in / 305 mm

Standard length: 10 in / 254 mm

Minimum length: 8 in / 203 mm

*Fillauer*  
Motion Control

[www.fillauer.com](http://www.fillauer.com)

## Motion Control, Inc.

115 N Wright Brothers Drive  
Salt Lake City, UT 84116, USA  
Phone 801.326.3434  
Fax 801.978.0848  
Toll Free 888.696.2767