

# Motion Control MC Hand



Motion Control  
division of

*Fillauer*®

# MC Hand

## Product Description

The Motion Control (MC) Hand sets the standard for rugged functionality. The MC ProPlus version Hand has built-in Bluetooth® (wireless) adjustability, and is interchangeable with almost every system, including i-limb™ and bebionic™ multi-articulating hands.

Wrist options include a Flexion or Multi-Flex Wrist, and the MC Electric Wrist Rotator. With optional FLAG (Force Limiting, Auto-Grasp), the MC ProPlus Hand combines delicate pinch forces with the security of auto-grasp. The MC Hand sets a high standard for practicality, durability, and versatility.

## Product Features (all versions)

- Powerful, responsive, and precise
- Rugged and durable
- Wide-opening fingers for holding large objects
- Safety Release

## Optional Features

### Short Hand Option

- 5½ in (14 cm) long with Quick Disconnect
- 4½ in (11.4 cm) long with Wrist Disarticulation option

### ProPlus

- Bluetooth® wireless connectivity
- Apple® iOS User Interface (free MCUI App)
- Brushless DC motor for longer life
- Compatible with other myoelectric systems

### FLAG

- Force Limiting - prevents crushing objects due to excessive pinch force
- Auto-Grasp - slightly increases the grip on an object if an inadvertent open signal is detected

## Finger Options

- CNC machined Aluminum (standard)
- CNC machined Stainless Steel (optional)

## Cosmetic Covers

- Compatible with most high-quality gloves

## Wrist Options: Add to ETD Selection

### Flexion Wrist

- Four locking positions: 52°, 26°, 0°, -30°
- Flexion/extension or ulnar/radial deviation

### Multi-Flex Wrist

- Flexes in all directions
- Three locking positions: 30°, 0°, -30° (flexion/extension direction)

### Powered Flexion Wrist

- 153° of powered flexion
- Pause@Home (user defined)
- Two passive resistance settings
- Water resistant (IPX7 compliant)

## Specifications

**Operating Temperature:** -5° to 60° C (23° to 140° F)

**Transport & Storage Temperature:** -18° to 71° C (0° to 160° F)

**Pinch Force:** At 7.2 volts: 10 kg (22 lbs, or ~ 100N)

**Operating Voltage Range:** 6 to 16 Vdc (MC Standard Hand)  
6 to 9 Vdc (MC ProPlus Hand)

**Load Limit:** 22 kg / 50 lbs in all directions (+/- 10%)

More specifications at [www.UtahArm.com/Hand](http://www.UtahArm.com/Hand)

## Satisfaction Guarantee

30 days from date of shipment

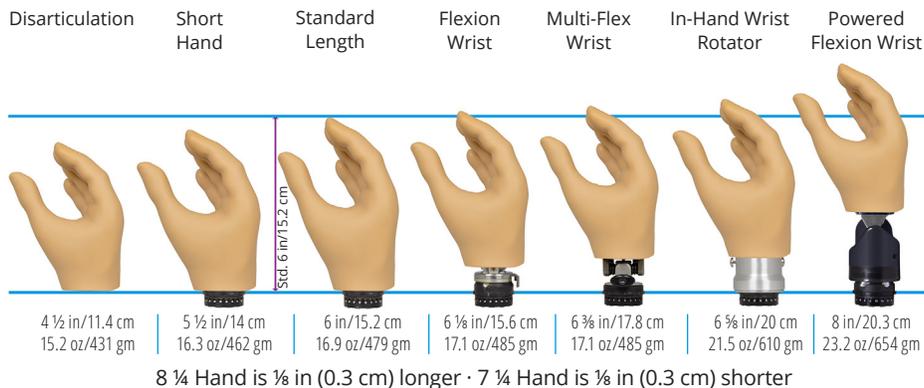
## Warranty

1 year limited warranty

## Ordering Information

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

## MC Hand (7 ¾)



Choose Hand and wrist option.

Hand	Left	Right	Disarticulation Option	Short Hand Option	Flexion Wrist Option	Multi-Flex Wrist Option	In-Hand Wrist Rotator Option	Powered Flexion Wrist Option
7 ¼	5010046	5010047	3010607	3010429	3010439	3010640	3010683	
7 ¾	5010048	5010049	+ 3010608	3010451	3010440	3010640	3010683	3010993 (Flex/Ext) 3010994 (Rad/Uln)
8 ¼	5010050	5010051	3010609	3010452	3010441	3010640	3010683	



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

## Motion Control, Inc.

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