

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

Satisfaction Guarantee

30 days from date of shipment

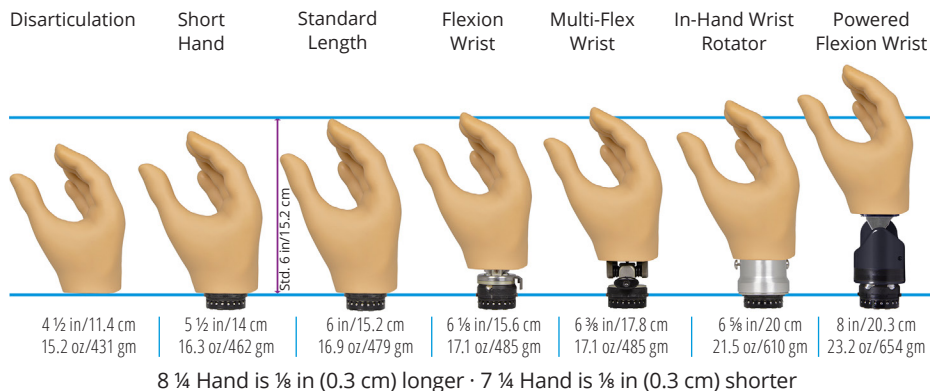
Warranty

1 year limited warranty

Ordering Information

www.UtahArm.com/Catalog

MC Hand (7 ¼)



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 | |

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MC Hand Sell Sheet 8/1/19