

# Motion Control MC ETD



Hard working . . . like you

Motion Control  
division of  
*Fillauer*<sup>®</sup>

# MC ETD Electric Terminal Device



## Product Description

The Motion Control (MC) Electric Terminal Device (ETD) sets the standard for rugged functionality and water resistance. The preferred choice of thousands of users, the MC ProPlus version ETD 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 ETD combines delicate pinch forces with the security of auto-grasp. The MC ETD sets a high standard for practicality, durability, and versatility.

## Product Features (all versions)

- Powerful, responsive, and precise
- Water resistant (IPX7 compliant)
- Rugged and durable
- Wide-opening fingers for holding large objects
- Fine finger tips with high visibility for picking up small objects
- Light weight (only 425 gm/15 oz in standard length)
- Safety Release

## Optional Features

### ProPlus

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

### FLAG Option: Add Part No. 3010930

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

## 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: 23 – 140° F (-5 – 60° C)  
 Transport & storage temperature: -0 – 160° F (18 – 71° C)  
 Pinch Force at 7.2 volts: 24 lbs, or ~107 N (11 kg)  
 Operating voltage range: 6 – 8 Vdc  
 Load limit: 50 lbs (22 kg) in all directions

## Warranty

1 year limited warranty

## Satisfaction Guarantee

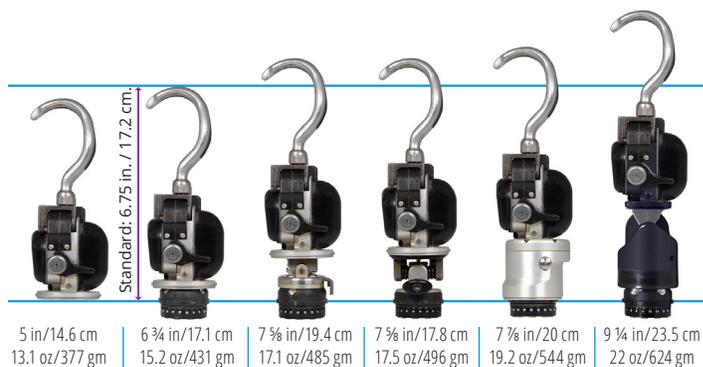
30 days from date of shipment

## Ordering Information

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

## MC ETD

Disarticulation    Standard Length    Flexion Wrist    Multi-Flex Wrist    In-Hand Wrist Rotator    Powered Flexion Wrist



5 in/14.6 cm 13.1 oz/377 gm	6 ¾ in/17.1 cm 15.2 oz/431 gm	7 ¾ in/19.4 cm 17.1 oz/485 gm	7 ¾ in/17.8 cm 17.5 oz/496 gm	7 ¾ in/20 cm 19.2 oz/544 gm	9 ¼ in/23.5 cm 22 oz/624 gm
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Choose ETD and wrist option.

ETD	Left	Right	Disarticulation Option	Standard Length	Flexion Wrist Option	Multi-Flex Wrist Option	In-Hand Wrist Rotator Option	Powered Flexion Wrist Option
Aluminum Fingers	5010052	5010053						
Titanium Fingers	5010061	5010062	+ 3010610	N/A	3010485	3010641	3010684	3010995 (Flex/Ext) 3010996 (Rad/Uln)
Black Anodized	5010071	5010072						



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

## Motion Control, Inc.

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