

# Motion Control Electric Wrist Rotators



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

# Electric Wrist Rotators from Motion Control



## Product Description

Motion Control Wrist Rotators set the industry standard for high speed and torque, and low operating noise. Both the MC Standard Wrist and ProWrist provide enough torque to turn most doorknobs (15 in-lb [1.7 N-m]).

MC Wrist Rotators are barely audible in a quiet room at only 38.5 db (at 1 meter), unnoticeable in most social situations.

MC Wrist Rotators can be used with Motion Control Flexion or Multi-Flex Wrists, for maximum positioning of the hand or ETD.

The MC Standard Wrist is the motor-direct version of the wrist rotator, easily incorporated in a Utah Arm U3 or U3+, Utah Hybrid Arm, Hosmer prefabricated forearm, or other manufacturers' electric elbows.

The versatile ProWrist incorporates microprocessor control into the wrist rotator. One component provides both proportional control of the wrist along with hand/wrist switching. This is the obvious choice when using a Motion Control ProPlus Hand, ETD, i-limb™, or bebionic™ multi-articulating hand. Every ProWrist also features built-in Bluetooth® wireless adjustability.

Optional with ProWrist, the Wrist Disable Switch allows the wearer to disable wrist rotation when accidental rotation would cause a spill, for example.

MC Wrist Rotators use the ratcheting standard quick disconnect that allows interchangeability with almost all terminal devices.

## Product Features

- 28 rpm, twice as fast as previous wrist rotators
- Highest torque available (15 in-lb [1.7 N-m])
- Quietest wrist rotator (38.5 db @ 1 meter)
- ProWrist, with its on-board processor, is the obvious choice for i-limb™ or bebionic™ hands
- Versatile, standard quick disconnect system
- Available in Tan, Brown or Jet Black

## Optional Features

### ProWrist

- Bluetooth® wireless connectivity for adjustment by iPhone®, iPad® or iPod touch®
- Apple® iOS User Interface (free MCUI App)
- Compatible with other myoelectric systems

**Wrist Disable Switch** allows wearer to disable rotation

## Specifications

**Weight:** 5.03 oz/143 gm MC Standard Wrist  
5.91 oz/168 gm MC ProWrist

**Operating Voltage:** 7.2 v

**Static Load (in all directions):** 22 kg/50 lbs maximum

**Torque:** 15 in-lb (1.7 N-m) at 7.2 v

**Load Limit:** 22 kg/50 lbs in all directions

**Speed:** 28 rpm at 7.2 v

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

## Satisfaction Guarantee

30 days from date of shipment

## Warranty

1 year limited warranty

## Ordering Information

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



[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