

Motion Control Powered Flexion Wrist



Motion Control
division of
Fillauer®

Powered Flexion Wrist from Motion Control



Product Description

The Motion Control Powered Flexion Wrist (PFW) provides a previously unavailable degree of freedom for persons with upper limb absence. Widespread use of passive wrist flexion sets the precedent for powered wrist flexion.

Combining high speed with proportionality and adjustability, the user can fine tune the PFW to allow hands-free targeting on an object. Add to that, the Pause@Home feature allows the individual to set a point in the range of motion that is commonly used. Pause@Home will stop the device at that point for a moment of time (adjustable by the user). Passive resistance can also be doubled by activating the brake.

Product Features

- High speed (user adjustable)
- Pause@Home (user-defined pause settings)
- Two passive resistance settings
- Range of motion limiter
- Water resistant (IPX7 compliant)

Terminal Device Options

The PFW is available with the MC Hand, ETD or ETD2. When a PFW is ordered, so, too, will the desired TD. They will arrive as a combined unit. While the PFW can be exchanged via the Quick Disconnect, the Terminal device cannot be removed from the PFW. Orientation of the PFW can be in either flexion/extension or radial/ulnar deviation.

User Interface Options and Adjustability

The PFW uses the Motion Control User Interface (MCUI). This is the same iOS-based graphic user interface for the entire ProPlus family of devices. This provides easy transition between ProPlus devices along with convenient adjustability of settings and allows fine tuning by the prosthetist for optimal performance. The user can adjust Pause@Home position and time, speed of flexion/extension and passive resistance brake on or off.

Specifications

IPX7 Rating

Length: 2.6 in/66 mm

Diameter: 1.84 in/46.74 mm

Weight: 9.12 oz/258.55 gm

Voltage: 6.9 – 7.9 v

ROM – 153°

- Flexion – 86°
- Extension – 67°

Speed: 180°/sec

Active Torque: 20 in-lb

Passive Torque:

- Brake – 20 in-lb
- No Brake – 10-15 in-lb

Static Holding Torque: 10 in-lb

Satisfaction Guarantee

30 days from date of shipment

Warranty

1 year limited warranty

Ordering Information

www.UtahArm.com/Catalog

MC Hand



MC Hand Length: 8 in/20.3 cm
Weight: 23.2 oz/654 gm

MC ETD



MC ETD Length: 9 1/4 in/23.5 cm
Weight: 22 oz/624 gm

MC ETD2



MC ETD2: 9 in/22.9 cm
Weight: 22.7 oz/644 gm

(Shown with optional terminal devices)

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