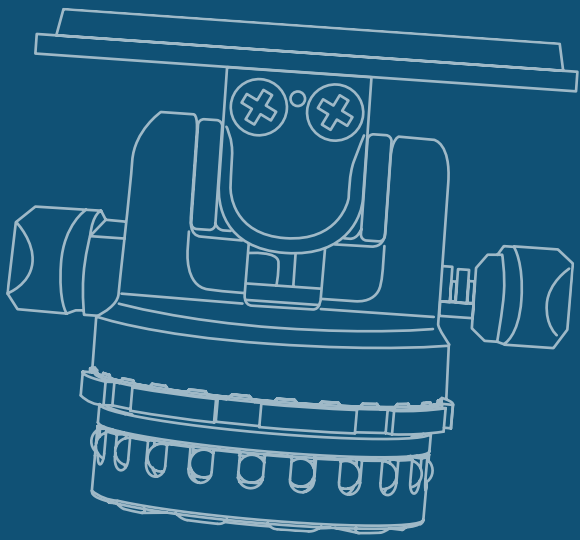
Multi-Flex Wrist

Prosthetist Manual



Fillauer®
Motion Control

Special Precautions

Risk Management
To minimize the risk of device damage or injury to the user while maximizing the functions of this device, follow the instructions for installation, and use this device as described in this manual.

Safety Caution
Use caution when using this device in situations where injury to yourself or others may occur. These include but are not limited to activities such as driving, operating heavy machinery, or any activity where injury may occur. Conditions such as a low or dead battery, loss of electrode contact, or mechanical/electrical malfunction (and others) may cause the device to behave differently than expected.

Repairs or Alterations
Do not attempt to repair or alter any of the mechanical or electronic components of the MC ETD. This will likely cause damage, additional repairs and void the warranty.

Serious Incidents
In the unlikely event a serious incident occurs in relation to the use of the device, users should seek immediate medical help and contact their prosthetist at the earliest possible convenience. Clinicians should contact Motion Control immediately in the event of any device failure.

Single Patient Use
Each amputee is unique. The shape of their residual limb, the control signals each generates and the tasks an amputee performs during the day require specialized design and adjustment of the prosthesis. Motion Control products are manufactured to be fit to one individual.

Disposal/Waste Handling
This device, including any associated electronics and batteries should be disposed of in accordance with applicable local laws and regulations. This includes laws and regulations regarding bacterial or infectious agents, if necessary.

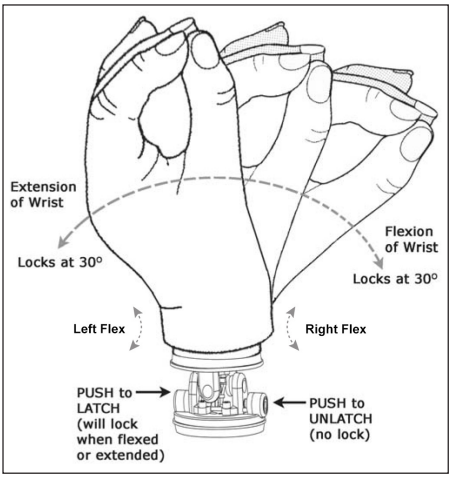
Technical Specifications
Operating Temperature: -5° to 60° C (23° to 140° F)
Transport & Storage Temperature: -18° to 71° C (0° to 160° F)
Operating Voltage Range: 6 to 8.2 Vdc - MC ProPlus ETD

Declaration of Conformity
The product herewith complies with Medical Device Regulation 2017/745 and is registered with the United States Food and Drug Administration. (Registration No. 1723997)

CE RoHS Compliant

Overview

The Multi-Flex Wrist is spring loaded to the center of travel so it can flex in multiple directions and provide a more “natural” feel than a rigid wrist. The wrist will flex in any direction as needed to adjust to the loads placed on it, for example, think of gripping a bicycle handlebar while riding on a bumpy road. Your natural wrist will adapt to the changes in direction and pressure, and so will your new Multi-Flex Wrist.



The latch mechanism is passive, meaning that the button only enables or disables the latch. When the latch is enabled, the wrist can lock. When the latch is disabled, the wrist can unlock. This makes it easier to lock or unlock because the user is not required to hold the wrist in a specific position and engage the lock at the same time.

Basic Operation

The key to understanding the operation of the Multi-Flex Wrist lies in knowing which mode the wrist is in. This is important because in some cases, you must go through one mode in order to get to the next mode. For example, the latch must be enabled in order to lock the wrist.

Unlatched/cannot lock. In the unlatched state, the wrist is free to bend in multiple directions. The wrist is spring loaded to the center position and flexes in any direction from there. Your wrist rotator will work as it usually does.

Latched/ready to lock. The wrist will lock when flexed or extended to 30°. Until the wrist is actually locked into position, it will perform the same as when unlocked, i.e., it will be flexible.

Locked. When the wrist is flexed to either maximum flexion or extension, it locks. The wrist is still free to flex side-to-side.

Latch Disabled. In order to unlock, the latch must first be disabled. With the latch disabled, the wrist will continue to function as if it is locked until the load is actually relieved from the lock.

This is performed by flexing the wrist again in the same direction until you hear a click. The click indicates that the lock is released. When you let go, the wrist returns to the center position.

Summary of Operation

To lock, push latch in, bend wrist to maximum angle. To unlock, push latch button, bend again until it clicks and wrist will return to center.

Limited Warranty

Seller warrants to Buyer that the equipment delivered hereunder will be free from defects in materials and manufacturing workmanship, that it will be of the kind and quality described and that it will perform as specified in Seller's written quotation. The limited warranties shall apply only to failures to meet said warranties that appear within the effective period of this Agreement. The effective period shall be one year (12 months) from the date of delivery to the fitting center that has purchased the components. Refer to the shipping receipt for the date of shipment.

Return Policy

Returns are accepted for a full refund up to 90 days from date of shipment as long as the item is in resalable condition. Beyond 90 days, returns are not accepted.

Customer Support

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