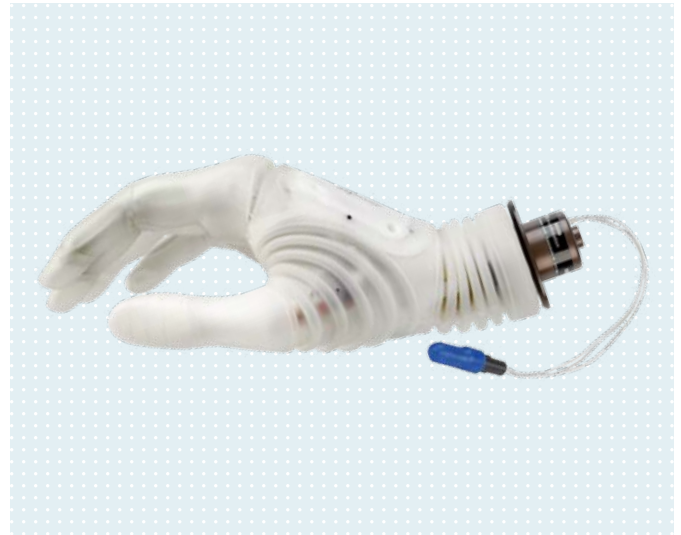


# AxonRotation

AxonRotation fits perfectly into the Axon-Bus Prosthesis System and helps minimize compensatory movements.



## Description

AxonRotation expands the functionality of Michelangelo by adding rotation. Combining the hand's seven different grip patterns and automatic thumb positioning with active rotation provides greater functionality for the user. The rotation unit's low build height means it can be added to a patient's existing socket and is even available to patients who have long residual limbs.

AxonRotation is programmed for more intuitive and effective use benefiting the user in many ADLs. Not only do unilateral users benefit from bimanual activities, but bilateral users immediately appreciate and benefit the most from optimized motion.

## Features/User benefits

Feature	User benefits
Faster rotation speed than standard MyoBock electric wrist rotation	Faster and more efficient handling residual limbs
Compact design	Users with longer stumps can also benefit from an active rotation
Automatic neutral positioning and proportional control	Smooth, precise and delicate motion
Active Rotation	Helps minimize compensatory movements
Easy installation into an existing Michelangelo prostheses	User can use his or her current socket
Electric wrist rotation without using the opposite hand (bilateral fitting)	User's sound hand remains free for other tasks

## Five important things to know about the rotator

1. Active hand rotation
2. Easy to fit in existing systems
3. Existing Michelangelo Systems can be upgraded with the AxonRotation
4. Software update of the AxonMaster is free
5. New feature is the automatic neutral position in the active rotation

## Specifications:

- Weight: Approx. 140g
- Dimensions: Height: 59mm
- Width: 58mm x 41mm
- Additional 6mm internal build height compared to 9S501
- Rotation range: Pronation 160°, Supination 160°
- Speed: Max. 25 rpm
- Max. torque electrically: 1.5 Nm
- Rotation is not lockable
- Passive rotation as a mechanical overload protection
- Ottobock article number:  
AxonRotation 9S503  
AxonSoft V2.2 560X500=V2.2