

AxonRotation

AxonRotation fits perfectly into the Axon-Bus Prosthesis System and is reducing compensatory movement to a minimum level

AxonRotation unit combined with the Michelangelo Hand further expands the functionality of the entire prosthesis. Providing the user active rotation in addition to a already highly functional Michelangelo Hand. Seven different gipping patterns, automatic thumb positioning and active hand rotation offer the user a great variety of functionality and further enhances the capability of the Michelangelo Hand System. AxonRotation is programmed for more intuitive and effective use benefitting the user in many ADL's. Not only do unilateral users benefit from bimanual activities, but bilateral users immediately appreciate and benefit the most from optimized motion.

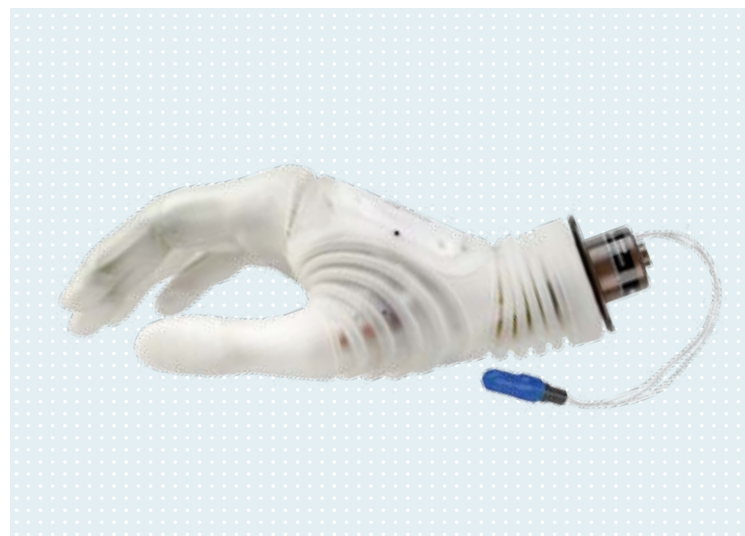
Features/User benefits

Feature	User benefits
Faster rotation speed than standard MyoBock electric wrist rotation	Faster and more efficient handling
Very compact design and of low built	Users with longer stumps can also benefit from an active rotation
Automatic neutral positioning and proportional control	Smooth, precise and delicate motions
Active Rotation	Minimization of physiologic compensation movements for the user in many tasks
Easy installation into an existing Michelangelo prostheses	User can use his current socket
Wrist rotation without using the opposite hand (bilateral fitting)	Sound hand free

5 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. Necessary software update of the AxonMaster is free of charge
5. New feature is the automatic neutral position in the active rotation

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Specifications

Weight	approx. 400 g
Dimensions	
Height	59 mm
Width	58 mm x 41 mm
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	

Date of availability:

- Mid of Q4 2014 (worldwide without USA)
- Ottobock article number:
AxonRotation 9S503 (Side: uni)
AxonSoft V2.2 560X500=V2.2

