



VULCAN AUGMETICS

VULCAN MYOELECTRIC HAND



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Simple Control. Real-World Function

◆ Made to support patients with upper-limb amputation or congenital limb difference, it enables **more than 30 practical** everyday activities with **minimal training** through an **EMG-based** prosthetic control system.

Lightweight & Durable Build

with strong aluminum skeleton, ABS shell and silicone fingertips

Fast Response To Usage Intention

0.3 – 1.0s Closing Time

App-Based Adjustments & Training

Quickly customize hand speed and settings

Adjustable Thumb

3 Manual Positions to create 6 essentials grips

360° Manually Rotating Wrist

Fully rotates to adapt to any task angles



Color Options



Original Black

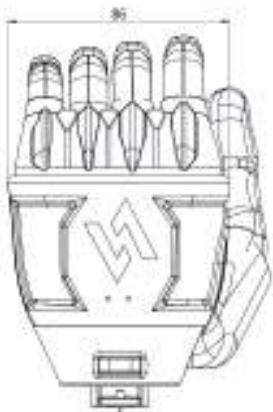


Light Skin (Fair)



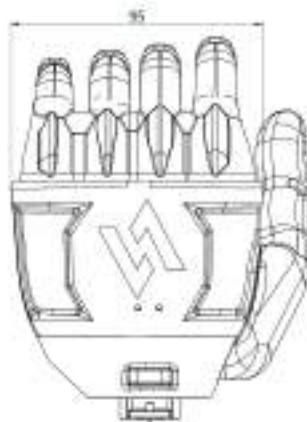
Dark Skin (Tan)

Technical Specifications

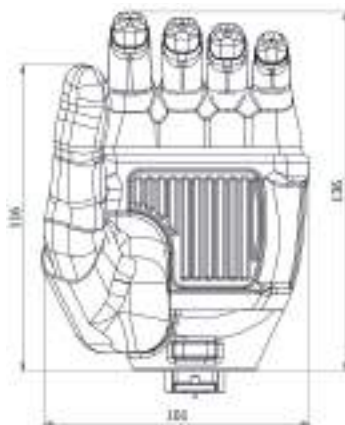


FRONT

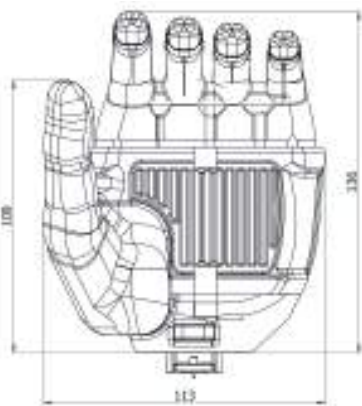
Size M



Size L

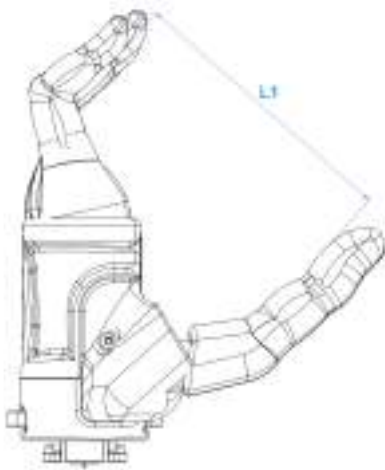


BACK



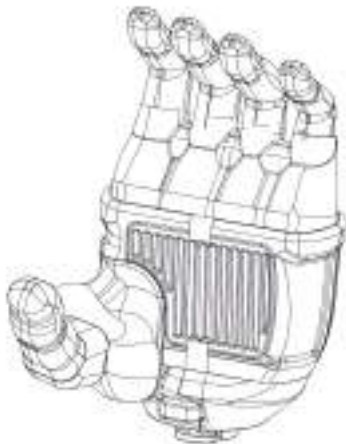
Size	Size M	Size L
Height	136 mm	136 mm
Width (Front)	101 mm	113 mm
Width (Back)	86 mm	95 mm
Side Width	93 mm	103 mm
Weight	446 g \pm 10 g	460 g \pm 10 g

Grip Performance



90mm

Widest Opening Angle



15N

Grip Force Per Fingertip



8 kg

Max Grip Load



90mm

Overall Force When
Closed (Static)

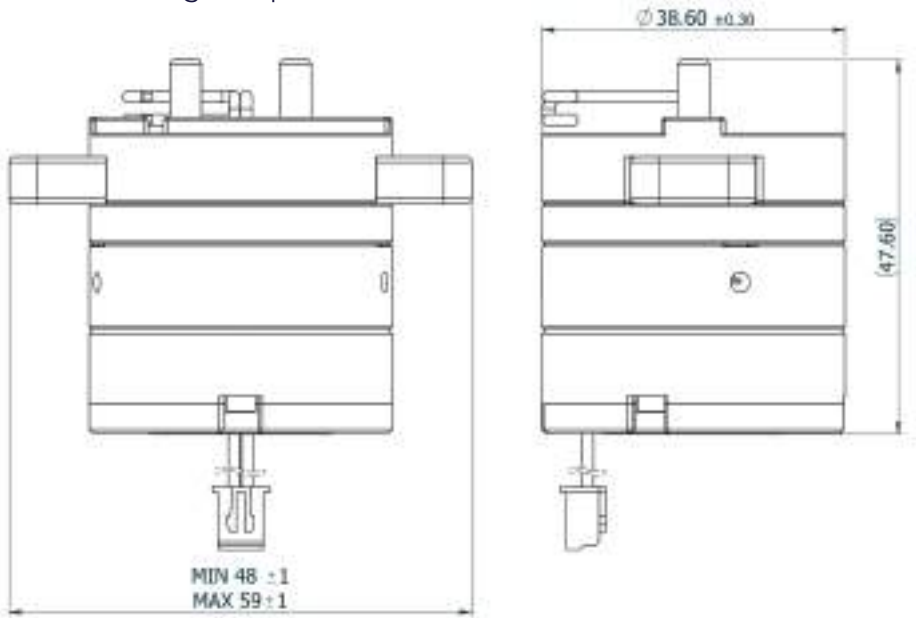
Materials

Skeleton	A7075 aluminum alloy
Hand cover	CBY
Finger pads	HTV Silicone HR-1030UE
Connectors	Stainless steel AISI 304

Wrist Interface

Technical Specifications

- ◆ Mechanical connection using magnet + locking screw
- ◆ Automatic magnetic power connector



Diameter	$\varnothing 38.6$ mm
Length	47.60 mm

Connectivity

- ◆ Bluetooth Low Energy 4.2
- ◆ Effective range: 8–12 meters

Ordering Information

- ◆ Email: hello@wearevulcan.com
- ◆ Hotline: (+84) 03 3838 0737



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