

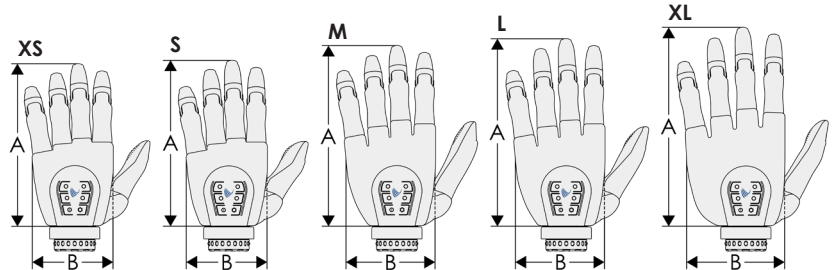
VINCENTevolution5

Technical Specifications

Transport in the original packaging	Waterproof protective case
Storage / Transport / Operation	from -5 °C/+23 °F to +45 °C/+113 °F max. 95 % humidity, noncondensing
Operating Voltage	7.4 V to 8.4 V
Standby Current	16 mA
Max. Current	3.0 A

Dimensions

Size	XS	S	M	L	XL
Length A [mm][inches]	135 5.31	145 5.71	155 6.10	165 6.50	175 6.89
Width B [mm][inches]	70 2.76	70 2.76	80 3.15	80 3.15	85 3.35



Sizes	XS	S	M	L	XL
Opening width	117 mm	120 mm	132 mm	140 mm	147 mm
Load capacity of closed hand (static)	450 N (approx. 45 kg)				
Load capacity of closed single finger (static)	350 N (approx. 35 kg)				
Max. grip force of thumb (lateral)	35 N (approx. 3.5 kg)				
Max. grip force of finger (center proximal phalanx)	95 N (approx. 9.5 kg)				
Grip force between thumb and index finger	44 N (approx. 4.4 kg)				
Swivel force of thumb	125 N (approx. 12.5 kg) optimized for cosmetic and work gloves				
Max. finger speed	0.6 s (155 ° / s)				
Max. thumb speed	Close: 0.36 s (122 ° / s) / Swivel: 0.48 s (163 ° / s)				
Wrist rotation range	Quicksnap: 360° / Transcarpal: 360° unlimited				
Flexion/Extension of the wrist	108° in 6 steps (18° each)				
Lifespan of the product	5 years				
Water resistance	IP68				
Corrosion resistance	CRC class II				
Wireless module	Range	Min. 3 m by line of sight			
	Frequency range	2402 MHz - 2480 MHz			
	Modulation	GFSK			
	Max. output power	10 dBm			
Number of basic grips	7				
Number of grips with switching signal	16 (including 2 individual grips)				
Individual grips	16 grips for selection + possibility to define your own grips				
Customizability	Combination of 5 different base colors with 5 metallic colors or titanium				
Haptic	Fully rubberized palm				
Precision in the pinch grip	Objects from Ø1 mm can be gripped				
Touchscreen capability	Index finger as standard, all fingers optional				
Artificial sense of touch	Vibrotactile Force-Feedback				
Cosmetic glove	GF. cosmetic glove / GF. color glove				
Work glove	GF. work glove				
Full water protection (prosthetic socket and hand)	In combination with VINCENTaqua				