

i-LIMB® QUANTUM

The i-Limb Quantum multi-articulating myoelectric hand prosthesis is now crafted with titanium digits for a 50% increase in carry load, with Vari-grip and Speed Boost features providing up to 30% more grip force and 30% greater speeds.

The i-Limb Quantum is the only myoelectric hand which can change grips with a gesture. Gesture Control is enabled by moving the i-Limb Quantum in one of four directions to access the desired grip.

With its five independently motorized fingers and powered thumb rotation, with manual override, it provides the dexterity, coordination and finesse to handle a wide range of daily activities.

- Electronically rotating thumb, with manual override, automatically switches between lateral and oppositional grip patterns for optimum grip
- Select from up to 36 different grips available, both preprogrammed and customized to suit users daily activities
- Vari-Grip feature provides additional grip strength when applied
- Auto-Grasp - anti drop safety feature to prevent objects from slipping out of grasp
- Touch Care® package offers warranty support for up to 5 years
- Biosim® and My i-Limb® Apps for set up and personalization of grips and features
- Available in 4 sizes – extra small*, small, medium, large
- Multiple covering options available to suit individual lifestyles
- Dorsal color options: standard black, white, titanium and carbon black

* Titanium digits only available on sizes Small, Medium and Large; XS digits are aluminum for light weight durability



CONTROL METHODS



i-MO
GESTURE CONTROL



TRIGGERS
MUSCLE CONTROL



QUICK GRIPS
APP CONTROL



GRIP CHIPS
PROXIMITY CONTROL

Device Weight			
	Extra Small	Small	Medium/Large
QWD	472 g/1.04 lbs	542 g/1.19 lbs	558 g/1.23 lbs
WD	432 g/0.95lbs	502 g/1.1 lbs	518 g/1.14 lbs
Flexion Wrist	572 g/1.26 lbs	642 g/1.41 lbs	658 g/1.45 lbs
Friction Wrist	467 g/1.03lbs	537 g/1.18 lbs	553 g/1.22 lbs

Technical Information	
Voltage	7.4 V (nominal)
Max. Current	5 A
Battery Capacity	Rechargeable lithium polymer; 7.4 V (nominal); 2000 mAh capacity; 1300 mAh capacity
Max. hand load limit (static limit)	40kg/88lbs (Extra Small) 90kg/198lb (Small/Medium/Large)
Finger carry load (static limit)	20kg/44lbs (Extra Small) 48kg/105lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds

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i-LIMB QUANTUM PACKAGES

EMEA												
Package	1	1.1	2	2.1	3	3.1	4	4.1	5	5.1	6	6.1
Package Code	TBX 50140	TBX 50527	TBX 50141	TBX 50528	TBX 50142	TBX 50529	TBX 50143	TBX 50530	TBX 50144	TBX 50531	TBX 50145	TBX 50532
QWD/WD/ Friction wrist	•	•			•	•			•	•		
Flexion wrist			•	•			•	•			•	•
Socket component kit	•		•		•		•		•		•	
Electrode kit	•		•		•		•		•		•	
Grip Chips					•	•	•	•	•	•	•	•
Standard glove package	•	•	•	•	•	•	•	•				
Enhanced glove package									•	•	•	•

All packages include:

- Battery and magnetic charge port
- Main charger

Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS, and Natural

Enhanced glove package includes 2 i-Limb Skin Match covers and 4 others from i-Limb Skin Active, Active TS, Contour, Contour TS, Natural

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Package	QWD	WD	Friction	Flexion
Package Code	TBX50428	TBX50429	TBX50433	TBX50432
QWD	•			
WD		•		
Friction wrist			•	
Flexion wrist				•
Socket component kit	•	•	•	•
Electrode kit				
Battery and magnetic charge port	•	•	•	•
Mains charger	•	•	•	•
Grip Chips	•	•	•	•
Standard glove package	•	•	•	•

Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS