

i-LIMB® QUANTUM

The i-Limb Quantum is Össurs' premium multi-articulating myoelectric hand.

Incorporating i-Mo technology the i-Limb Quantum is the only upper limb prosthesis which can change grips with a gesture. Enabled by moving the i-Limb Quantum in one of four directions to access the desired grip.

- Five independently articulating digits with individual stall out ability
- 4 methods of control – Gesture, App, Muscle, Proximity
- With our speed boost feature, digit speed can be increased by up to 30%
- Electronically rotating thumb automatically switches between lateral and oppositional grip patterns
- Select from up to 36 different grips available, both pre-programmed and customized
- Vari-Grip™ feature for additional grip strength
- Auto-Grasp™ - anti drop safety feature to prevent objects from slipping
- Touch Care package offers warranty support for up to 5 years
- Biosim™ and My i-Limb™ Apps
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available to suit individual lifestyles



The i-Limb Quantum is also available with titanium strengthened fingers, which increase the carry load by 50%. Available in the sizes S / M and L.

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	472g/1.04lbs	512g/1.13lbs	528g/1.16lbs
WD	432g/0.95lbs	472g/1.04lbs	488g/1.08lbs
Flexion Wrist	572g/1.26lbs	612g/1.35lbs	628g/1.38lbs
Friction Wrist	467g/1.03lbs	507g/1.12lbs	523g/1.15lbs

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) 32kg/71lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds

i-LIMB® QUANTUM

i-LIMB QUANTUM PACKAGES

EMEA		
TBX50140	i-Limb Quantum	PK1 i-Limb Quantum QWD/WD/ Friction
TBX50470	i-Limb Quantum - Titanium	PK1 i-Limb Titanium Quantum QWD/WD/ Friction

Includes:

- Electrode Kit
- Socket Kit
- Battery
- QWD/WD/Friction Wrist
- Car Charger
- iPod Touch
- Mains Charger

Choose from i-Limb Skin Active, activeTS contour, contourTS, natural i-Limb skin coverings

TBX50141	i-Limb Quantum	PK2 i-Limb Quantum Flexion
TBX50471	i-Limb Quantum - Titanium	PK2 i-Limb Titanium Quantum Flexion

Includes:

- Electrode Kit
- Socket Kit
- Battery
- Flexion Wrist
- Car Charger
- iPod Touch
- Mains Charger

Choose from i-Limb Skin Active, activeTS contour, contourTS, natural i-Limb skin coverings

TBX50142	i-Limb Quantum	PK3 i-Limb Quantum QWD/WD/ Friction
TBX50472	i-Limb Quantum - Titanium	PK3 i-Limb Titanium Quantum QWD/WD/ Friction

Includes:

- Electrode Kit
- Socket Kit
- Battery
- QWD/WD/Friction Wrist
- Car Charger
- iPod Touch
- Mains Charger
- Grip Chips

Choose from i-Limb Skin Active, activeTS contour, contourTS, natural i-Limb skin coverings

TBX50143	i-Limb Quantum	PK4 i-Limb Quantum Flexion
TBX50473	i-Limb Quantum - Titanium	PK4 i-Limb Titanium Quantum Flexion

Includes:

- Electrode Kit
- Socket Kit
- Battery
- Flexion Wrist
- Car Charger
- iPod Touch
- Mains Charger
- Grip Chips

Choose from i-Limb Skin Active, activeTS contour, contourTS, natural i-Limb skin coverings

TBX50144	i-Limb Quantum	PK5 i-Limb Quantum QWD/WD/ Friction
TBX50474	i-Limb Quantum - Titanium	PK5 i-Limb Titanium Quantum QWD/WD/ Friction

Includes:

- Electrode Kit
- Socket Kit
- Battery
- QWD/WD/Friction Wrist
- Car Charger
- iPod Touch
- Mains Charger
- Grip Chips

2 i-Limb Skin Match and 4 other coverings: choose from i-Limb Skin Active, activeTS, contour, contourTS, natural i-Limb skin coverings

TBX50145	i-Limb Quantum	PK6 i-Limb Quantum Flexion
TBX50475	i-Limb Quantum - Titanium	PK6 i-Limb Titanium Quantum Flexion

Includes:

- Electrode Kit
- Socket Kit
- Battery
- Flexion Wrist
- Car Charger
- iPod Touch
- Mains Charger
- Grip Chips

2 i-Limb Skin Match and 4 other coverings: choose from i-Limb Skin Active, activeTS, contour, contourTS, natural i-Limb skin coverings

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TBX50428	i-Limb Quantum	PK i-Limb NA Quantum QWD
TBX50429	i-Limb Quantum	PK i-Limb NA Quantum WD
TBX50432	i-Limb Quantum	PK i-Limb NA Quantum Flexion
TBX50433	i-Limb Quantum	PK i-Limb NA Quantum Friction
TBX50430	i-Limb Quantum - Titanium	PK i-Limb NA Quantum Titanium QWD
TBX50431	i-Limb Quantum - Titanium	PK i-Limb NA Quantum Titanium WD
TBX50434	i-Limb Quantum - Titanium	PK i-Limb NA Quantum Titanium Flexion
TBX50435	i-Limb Quantum - Titanium	PK i-Limb NA Quantum Titanium Friction

All packages include:

- Socket Kit
- Battery
- Mains Charger
- Car Charger
- Grip Chips
- iPod Touch
- 2 i-Limb Skin Active/TS
- 4 i-Limb Skin Contour/TS