

## i-LIMB® QUANTUM

The i-Limb Quantum is Össur's 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)<br>90kg/198lb (Small/Medium/Large)                         |
| Finger carry load (static limit)    | 20kg/44lbs (Extra Small)<br>32kg/71lbs (Small/Medium/Large)                         |
| Time from full open to full close   | 0.8 seconds   |

# i-LIMB® QUANTUM

## i-LIMB QUANTUM PACKAGES

| AMERICAS |                           |  |
|----------|---------------------------|--|
| 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