

Powered by Touch Bionics' **biosim** software, the **i-limb ultra** is the most versatile prosthetic hand available, providing the ability to customize the hand for a broad range of activities.

Utilizing its pulsing and Vari-grip features, the **i-limb ultra** is the only prosthetic hand with the ability to gradually increase the strength of its grip on an object.

All new in **i-limb ultra**:

- Vari-grip allows variable digit-by-digit grip strength
- Gesture selection allows users to create custom gestures
- **biosim-i** (user) or **biosim-pro** (clinician) software allows selection of automatic hand modes, signal assessment, gestures and training modes.
- Two **i-limb skin active** coverings
- One **i-limb skin natural** covering
- Hand automatically moves to a natural position after period of inactivity
- Power management, extending daily battery usage by 25%
- Low battery warning audio signal
- 2-year standard warranty

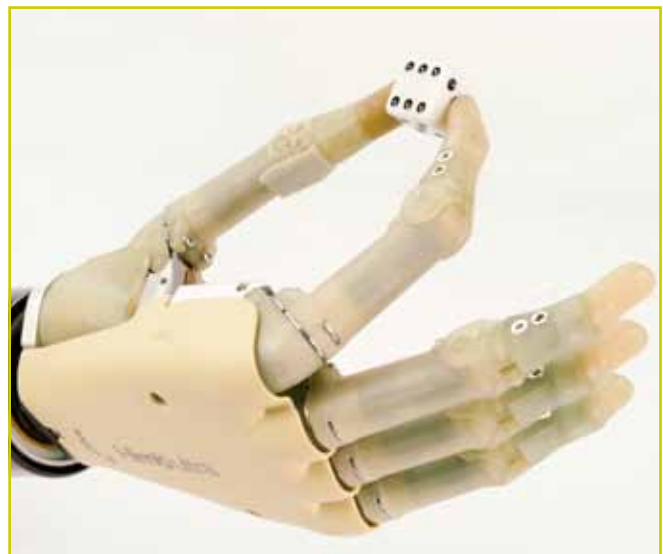
Plus our established **i-limb** features:

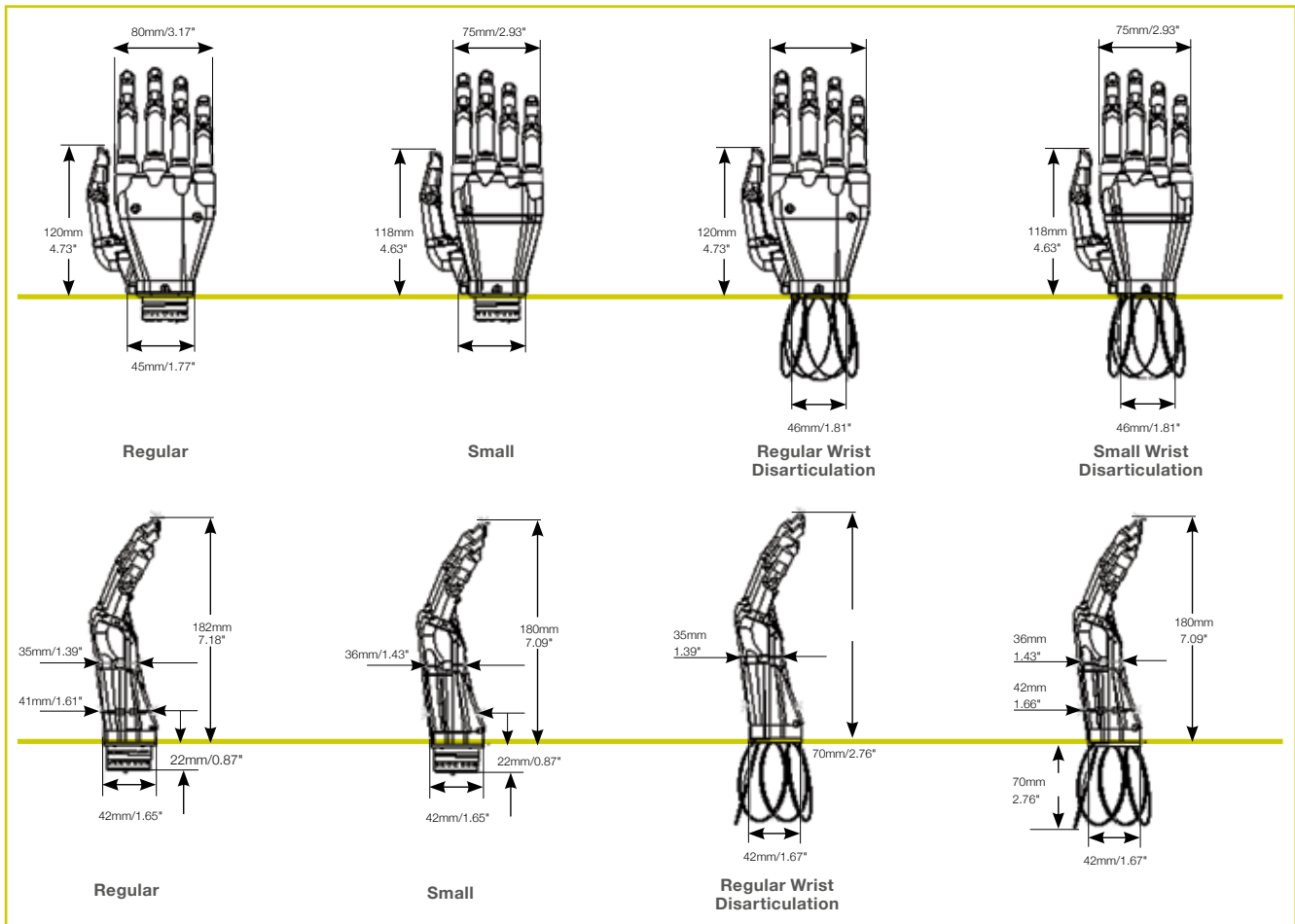
- Five, individually powered, articulating fingers
- Manually rotatable thumb to create different grasping options
- Manually rotatable wrist, or can be integrated with an electronic wrist rotator
- Proportional control - the stronger the input signal, the faster the fingers move
- Compatible with a wide range of upper limb devices
- Pulsing for increased grip force
- Aluminium chassis for durability
- Two size options; regular and small
- Two color options; black and neutral
- Five available control strategies – two dual-site and three single-site



Choose from a wide range of automatic hand modes including:

- Index point
- Lateral grip
- Natural hand position
- Two thumb parking modes
- Four precision pinch options
- Four tripod options





Technical Information

Voltage	7.4 V (nominal)
Max. Current	5 A
Battery Capacity	Rechargeable lithium polymer; 7.4 V (nominal); 2400 mAh capacity; 1300 mAh capacity
Max hand load limit (static limit)	90kg / 198lb
Finger carry load (static limit)	32kg / 71lb
Time from open position to full power grip	1.2 seconds
Device Weight	Weight with quick disconnect wrist 469 g (small) and 479 g (regular) Weight with Wrist Disarticulation unit 405 g (small) and 418 g (regular)

Forces	Without Pulsing	With Pulsing
Power grip force	10.2kg (100N)	13.9kg (136N)
Lateral pinch force	2.1 kg	3.5 kg

Product Number	Description
PL190000A	RH Medium Neutral
PL191000A	LH Medium Neutral
PL192000A	RH Small Neutral
PL193000A	LH Small Neutral
PL194000A	RH Medium Black
PL195000A	LH Medium Black
PL196000A	RH Small Black
PL197000A	LH Small Black

Product Number	Description
PL198000A	RH Medium Neutral Wrist Disarticulation
PL199000A	LH Medium Neutral Wrist Disarticulation
PL200000A	RH Small Neutral Wrist Disarticulation
PL201000A	LH Small Neutral Wrist Disarticulation
PL202000A	RH Medium Black Wrist Disarticulation
PL203000A	LH Medium Black Wrist Disarticulation
PL204000A	RH Small Black Wrist Disarticulation
PL205000A	LH Small Black Wrist Disarticulation

Product Number	Description
PL206000A	RH Medium Neutral w/Multi-Flex Wrist
PL207000A	LH Medium Neutral w/Multi-Flex Wrist
PL208000A	RH Small Neutral w/Multi-Flex Wrist
PL209000A	LH Small Neutral w/Multi-Flex Wrist
PL210000A	RH Medium Black w/Multi-Flex Wrist
PL211000A	LH Medium Black w/Multi-Flex Wrist
PL212000A	RH Small Black w/Multi-Flex Wrist
PL213000A	LH Small Black w/Multi-Flex Wrist