



i-DIGITS® QUANTUM

Design, dexterity
and intelligent motion



i-DIGITS® QUANTUM

Intelligent motion: Gesture control enables an automated grip to be accessed by moving the i-Digits™ Quantum in one of four directions - it really is that simple.

Design: Fully customized prosthesis for partial hand loss or absence

Dexterity: Boost speed and strength by up to 30% with My i-Limb® app



Digits move independently and work in conjunction with remaining fingers

Up to 32 grips available

Anywhere from 1 to 5 digits can be replaced

Form fitting anatomical design

Vari-Grip™ feature for enhanced grip strength

Auto Grasp™ anti-drop feature for added reassurance

Full wrist range-of-movement

4 methods of control for ultimate lifestyle freedom

- Gesture control
- Muscle control
- App control
- Proximity control

Self-contained wristband houses batteries & microprocessor



Gesture Control

i-Mo™ Technology enables an automated grip to be accessed by moving the i-Digits™ Quantum in one of four directions. The 4 chosen grips can be easily changed via the mobile app.



Muscle Control

Triggers are specific muscle signals that are used to instruct the i-Digits™ Quantum to activate a specific grip.



App Control

Quick Grips™ provide instant access to 20 pre-programmed and 12 custom My Grips™, allowing huge versatility and flexibility in customising the hand for a variety of daily activities. Use Quick Grips with a number of mobile devices.



Proximity Control

Grip Chips™ are small Bluetooth® enabled devices that allow users to enter any available grips, simply by moving their i-Digits™ Quantum device close to an object where a grip chip is placed.

The first individually designed, multi-articulating partial hand prosthesis that can be controlled with simple gestures.



GRIPS

There are up to **20 pre-programmed grips*** with the **i-Digits™ Quantum**, each with a specific purpose in mind. In addition, users can program up to **12 My Grips™** that are customised to their own specific daily tasks.

For further info on grips and the importance of occupational therapy in achieving training goals, check out our interactive online training portal at training.touchbionics.com

USER STORIES



Jake Adams | California, USA

On August 15th, 2013 Jake reported to work at a local food distribution plant and glanced at his schedule. He was assigned to assist on the sandwich packaging line, an area of the plant of which he was unfamiliar. A short time later, Jake had his hand resting on one of the packaging machines when his co-worker pressed the start button from eight feet away. Before he could react, Jake's left hand was caught between the heavy metal plates, crushing four of his fingers in the process.



Gary McKeown | Widnes, UK

Following a work related accident in 2009, Gary spent two years undergoing multiple surgeries in an attempt to restore function to his left hand. Eight surgeries later and with no significant improvement in the restoration of function to his hand, Gary made the brave decision to amputate his remaining fingers.

* depending of number of replaced digits

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