

# iQ

## Vacuum System

by Freedom Innovations

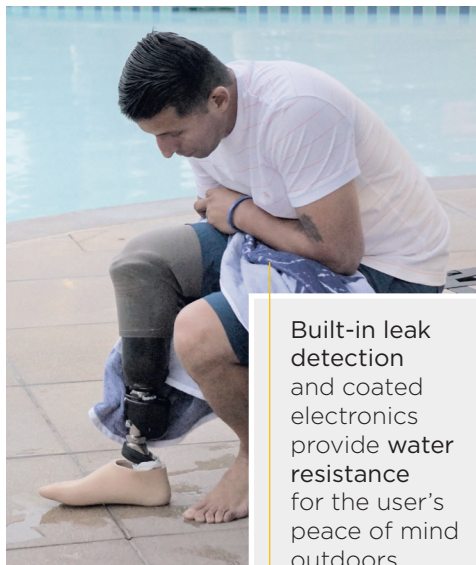


## The next generation of electronic vacuum

- Microprocessor-controlled system
- Waterproof IP67 tested design
- User and Clinician app integration
- External set up and unparalleled quietness



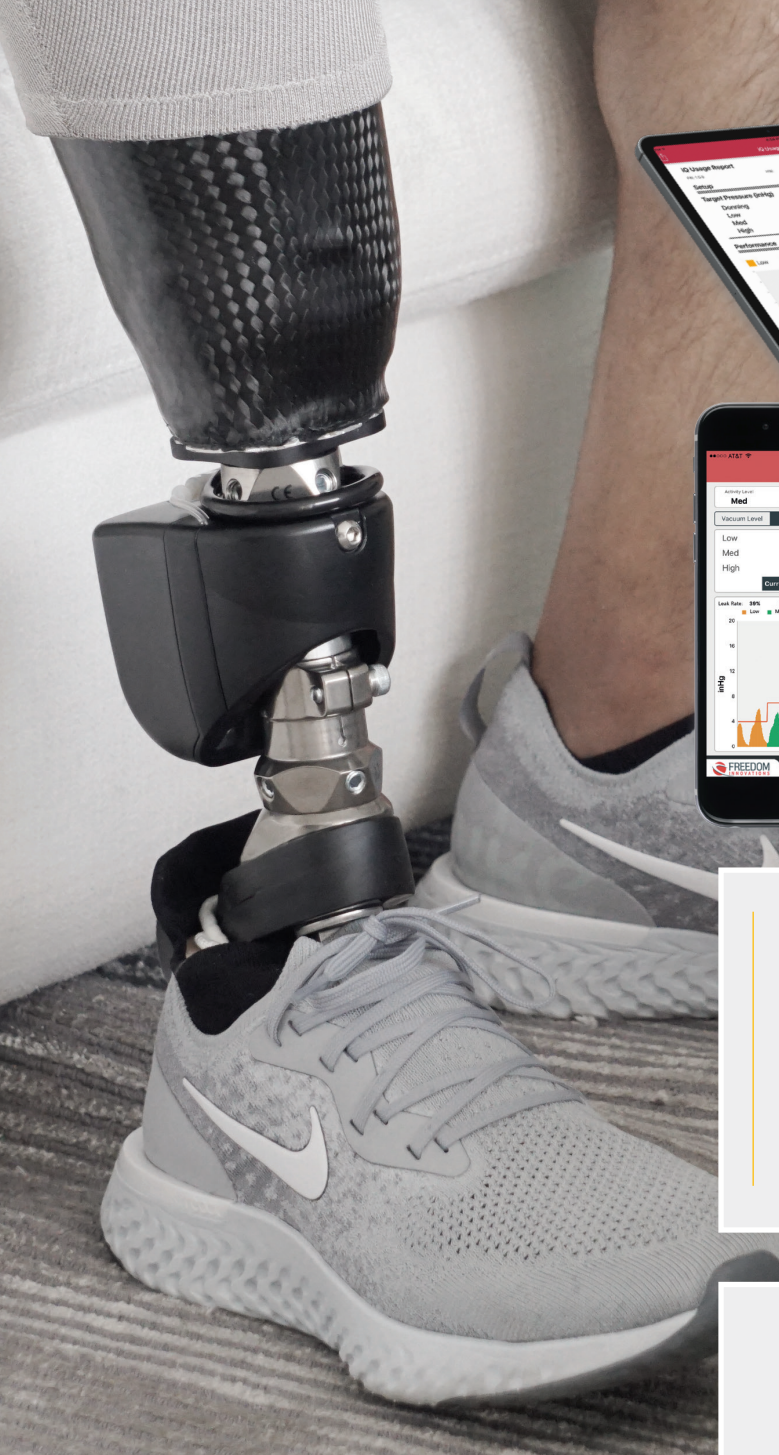
Provides automatic vacuum adjustment as sensors respond in real-time to changes in the user's activity



Built-in leak detection and coated electronics provide water resistance for the user's peace of mind outdoors



External setup design requires minimal space on a standard pylon, allowing for varying build heights, and retrofitting options



## iQ Vacuum App | Clinician Mode

- Features an information dashboard summarising performance indicators and key setup
- Live graph displays how the socket vacuum changes in response to the user's activity
- Adjust amount of vacuum for varying activity levels
- Export usage reports of the user's performance and qualitative outcomes

## User Mode

- Quick access to vacuum level, step count, step rate and battery charge level
- 'Water Mode' allows the user to adjust vacuum level and submerge the device safely when ready
- Leak detection warning
- Create outcome reports to send to their prosthetist

### Additional features

Low-profile power/function button, with an indicator light to demonstrate current battery charge level

Vent On Power-Off Mode allows air into the socket whilst the system is off to aid users when removing their prosthesis

Micro USB connection for mains power charging

### iQ Vacuum Ordering Information

**Part Number** NVAC-00-A1002-KT

### Technical Information

Weight	271g
Height	84mm
Width	76mm
Distance from Pylon	64mm
Battery Life	2-3 days (dependent on usage)
Warranty	2 years
Water Resistance	IP67 (Particle proof, and safe for occasional submersion in water for up to 30 minutes at 1m depth)
Pump Space Volume	315mm <sup>3</sup>
App Compatability	Apple or Android Devices

### Intended Use

Intended for lower limb amputees, who desire control over their socket and a physical connection to improve comfort. There is no weight limit for the device, and it is suitable for users of all activity levels.

### Indications

Unilateral or bilateral transtibial amputations.

**For more information or to place an order:**  
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