

WILLOWOOD®

INTUY® Knee Pro



Clear Cover Included

Product Highlights

- Powered knee flexion and extension for active swing and support
- Unobtrusive, low noise
- E-Features to allow more natural, "Easier" maneuvers (i.e. initiating stairs or gait with prosthetic side)
- Configurable, activity specific INTUY Modes
- AI Gait Optimization
- App-based Training Feedback for real-time alerts on proper usage of knee functions (Swing, Powered Stand Up, etc.)
- App-based live Static Alignment tool to optimize functionality of knee
- Regenerative charging
- Magnetic charger connection
- Indicated for active (K3-K4) users

The INTUY Knee Pro is the lightest and quietest powered microprocessor knee with advanced features designed to provide active users more freedom across a wider range of functional activities. The active swing and stance support decrease the user's cognitive load and increase their confidence during activities of daily living.

The INTUY Knee Pro features INTUY Modes which allow configuration of RoM and resistance parameters for specialized activities. E-Features allow users to initiate gait and stair ascent with their prosthetic side, and manage stairs and turns with greater ease, making the INTUY Knee Pro ideal for bilateral users.

Powered extension and flexion function to promote natural gait biomechanics, relieving strain on the user's sound side, hips and back, while AI Gait Optimization can be used to fine-tune personalized gait parameters.

Contact intuyorders@willowood.com for more information.



PDAC Approved L-Codes:
L5827, L5856, and L5859

INTUY Knee Pro: Specifications

Max Patient Weight: 275 lbs (124.74 kg)
Product Weight (w/ battery): 4.9 lbs (2.2 kg)
Build Height: 10.04" (25.5 cm)
Knee Flexion: 120°
Max Torque: 100 Nm
Processing Speed: 2000 Hz
Max Noise: <50 dB

Battery Autonomy: Up to 2 days

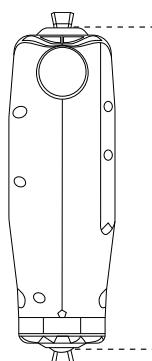
Additional Features: Regenerative Charging

Full Charge: 2 hrs

80% Quick Charge: 1 hr

Weatherproof Rating: IP45 w/ cover

Warranty: 3 years



INTUY Knee Pro
Build Height
10.04" (25.5 cm)



SYSTEM INCLUDES:

Knee | Cover (Clear)

Magnetic Charger | Allen Key

Instructions for Use | Instructions/Training USB

INTUY Knee Pro Part Numbers

WW-1LK-1P
WW-1LK-CHR-B
WW-1LK-CHR-T
WW-1LK-MCHR-US
WW-1LK-BC202

INTUY Knee Pro
Replacement Cover, Black
Replacement Cover, Clear
Replacement Magnetic Charger
Replacement Magnetic Charger (Cable Only)

The Case for Power

10 to 17x Higher Rates of Osteoarthritis

Reported in individuals with amputation — Struyf PA¹

Recreate Anatomically Correct, Symmetrical Gait

Gait training focused on teaching natural walking techniques and ensuring gait symmetry



82% Prevalence for Lower Back Pain Post-Amputation

Lower Limb amputees experience increased instances of lower back pain and overuse injuries — Sadowski PK²

Replicate Natural Muscle Engagement

Powered prostheses support physiological gait and enable users to activate and engage muscle groups

1. Struyf, Pieter A et al. "The prevalence of osteoarthritis of the intact hip and knee among traumatic leg amputees." *Archives of physical medicine and rehabilitation* vol. 90,3 (2009): 440-6. doi:10.1016/j.apmr.2008.08.220

2. Sadowski, Piotr K et al. "Low Back Pain in People With Lower Limb Amputation: A Cross-Sectional Study." *Spine* vol. 47,22 (2022): 1599-1606. doi:10.1097/BRS.0000000000004422

INTUY App

