

Genium X4. What's your next move?

Offer your users an extraordinary experience that's only possible with a truly next-gen MPK – the kind that can free their mind, empower their body, and maximise their potential. With its durable design and pioneering technology, *Genium X4* delivers unparalleled performance for life's ups, downs, and everything in between, from the smallest movement to users' biggest achievements. And with its state-of-the-art *connectgo.pro* app for O&P professionals it can be fully tailored to each users' unique needs, goals, and preferences.

For users:

- Optimised slope ascent for more natural walking motion and total confidence on inclines
- Easy first-step initiation enabled by advanced start-to-walk functionality
- Real-time control and support for taking small steps in tight or crowded spaces
- Enhanced stance phase support for level ground walking and slope descent provides maximum control throughout the entire step
- Intuitive cycling mode for seamless transitions from walking to biking and back again
- Enhanced support for dynamic backward movement
- Wide range of optional customisable covers
- Long battery run-time with quick-charge capability
- Customisable MyModes in the Cockpit app (Apple and Android)
- Waterproof (IP68) and corrosion-resistant design that enables full functionality in fresh, salt, and chlorinated water

For professionals:

- Advanced *connectgo.pro* app that supports expert configuration and comprehensive customisation
- Recommended knee settings dynamically generated by initial data inputs
- Extensively customisable gait behavior, including a wide range of adaptable motion patterns
- Available demo mode for initial training and assessment
- Full library of online training videos, including tutorials on both unilateral and bilateral fittings



Genium X4.

Live life in effortless motion.






- 1. Intelligent AXON tube adapter**
Enables real-time measurement of the ankle moment and vertical load acting on the knee joint.
- 2. 0° flexion of knee head (pyramid and threaded top)**
No additional tilt of the pyramid when the knee is upright.
- 3. Gyroscope & accelerometer**
A gyroscope and accelerometer enable real-time tracking of spatial positioning and acceleration.
- 4. Knee angle sensor**
Reads the angle of the knee in real time.
- 5. Carbon frame**
Durable, lightweight structure protects the electronics, hydraulics, and battery through a wide range of everyday activities.
- 6. Knee moment sensor**
Supplies data needed to precisely determine forces acting on the prosthesis.
- 7. Waterproof (IP68) & corrosion resistant**
The knee joint is protected from dust, dirt, and liquids, and enables full functionality in fresh, salt, and chlorinated water.
- 8. Hydraulics with heat sink**
Two control valves independently control flexion and extension resistance. The heat sink is designed to transfer heat away from the hydraulic to help reduce overheating.
- 9. Battery & electronics**
Up to five days of battery run-time depending on activity level and environment.
- 10. Bluetooth LED & charging status LED**
Lights tell the user and CPO when the knee is connected via Bluetooth or when it is charging.
- 11. Magnetic charging socket**
Secure charger connection to the knee joint with USB options for the power supply.
- 12. Optional customisable covers**
A wide range of cosmetic options that protect the prosthesis from scratches and bumps.
- 13. Advanced connectgo.pro app for O&P professionals**
Enables flexible, end-to-end control of product configuration and the customisation process.



Technical data

Article no.	3B5-4=P (pyramid) / 3B5-4=ST (threaded top)
Mobility grade / K level	2-4
Max body weight	150 kg / 330 lbs
Proximal connection	Pyramid/Threaded top
Distal connection	34 mm tube clamp
Knee flexion angle	135°
Weight (without tube adapter)	1.600 g / 3.53 lbs
Frame material	Carbon
Moisture protection	IP68, corrosion-resistant
Tube adapter	2R68 AXON tube adapter or 2R69 AXON tube adapter with torsion
Warranty	3 year standard / 6 year extended
Maintenance interval	24 months

Prosthesis solution

-  6Y110 Skeo Sealing Liner
-  7T4450=1 SiOCX socket
-  1C50 Taleo
-  1C56 Taleo Adjust
-  1C70 Evanto
- F21 Maverick Xtreme AT