

Kenevo.

Choose everyday confidence.

Kenevo is the first microprocessor knee designed specifically for users with mobility limitations who need a high level of stability. Its state-of-the-art technology supports users, allowing them to feel safer and more independent than ever before.

For users:

- New** ● Manual locking function when additional security is desired, which can be easily activated or deactivated
- New** ● Acoustic feedback for select movement patterns for training, enabled (or disabled) directly via the Cockpit user app
 - Safe standing in a variety of everyday situations
 - Intuitive stance function for quick and stable standing support
 - Improved patient-reported toe clearance
 - Reliable stance release with or without walking aids
 - Additional support during descent on ramps/stairs
 - Stumble recovery Plus active throughout entire swing phase
 - Supported standing up and sitting down to help maintain balance
 - Wheelchair function facilitates maneuvering in a wheelchair
 - Intuitive cycling function for automatic stationary bike use
 - Donning function for safe donning while seated
 - User-controlled adjustments and select function activation via the Cockpit App

For professionals:

- Indicated for user with K2, low-K3* functional levels
- Three activity modes based on the patient's mobility level (Modes A, B/B+, C)
 - Maximum standing support with a locked knee (Mode A)
 - Weight Activated Brake function (Mode B/B+)
 - Yielding knee with available Intuitive Stance (Mode C)
- Easy adaptation to individual needs via adjustment software with clear video tutorials in K-Soft
- Settings are initially driven by patient data and customizable by the prosthetist
- Broad patient application including bilateral transfemoral levels, hip disarticulation, and osseointegration**

* More specifically, for patients who walk with speeds of up to 1.9 mph or up to 1/2 mile outside the house per day

** The manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters must also permit this combination.



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1 AXON tube adapter

The AXON tube adapter is instrumented with an axial load sensor and an ankle torque sensor which provides additional information to the microprocessor to make adjustments to the hydraulic in real-time

2 Carbon frame design

Strong, high-grade, and lightweight to provide structural strength for the entire knee joint as well as protect the electronics, hydraulics, and battery during everyday activities

3 Hydraulic unit

The powerful hydraulic with patented two-valve technology generates motion resistance for flexion and extension during the stance and swing phases of gait

4 Inductive battery charger

The inductive charging unit easily attaches to the back of the knee joint, making it easy to use for people with hand dexterity challenges and is accessible through a foam cover if used

5 Inertial motion unit (IMU)

Gyroscope and accelerometers continuously track spatial positioning and acceleration, enabling precise, secure control of the joint that adapts to the user's needs in real time

6 Integrated Bluetooth® technology

Enables direct communication with the knee for programming and patient access via the Cockpit app with an integrated easy-to-use LED connection indicator

7 Integrated microprocessor electronics

Coordinates all measurement and control processes instantaneously

8 Knee angle sensor

Measures flexion angle and angular velocity

9 Rechargeable battery

Charge overnight on a daily basis to ensure continuous use. A fully charged battery will last one full day

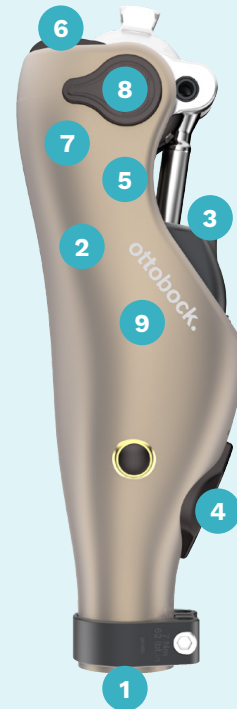


Technical data

Article number	3C60=4	3C60=ST-4
Mobility grade/ K-Level	2, low K3*	
Distal connection	Tube clamp	
Proximal connection	Pyramid	Threaded connector
Knee flexion angle	124° without flexion stop**	
Moisture protection	IP 22 (protected against dripping water)	
Weight (without tube adapter)	915 g / 2.02 lbs (pyramid) 920 g / 2.03 lbs (threaded connector)	
Max. body weight	330 lbs (150 kg)	
Tube adapter	2R17 (included in scope of delivery)	
Frame material	Carbon	
Warranty	3 year standard/ 6 year extended	

* More specifically, for patients who walk with speeds of up to 1.9 mph or up to 1/2 mile outside the house per day

** The flexion stop reduces the knee flexion angle by 8° (pre-assembled) or 16°



New features at a glance

Manual locking function

Enables even more stability by conveniently securing the Kenevo in the extended position by a simple tapping pattern, even when using a cosmetic solution or a protective cover.

Acoustic signals

Provide insight into movement execution during prosthetic training, e.g. for stance release, stance phase flexion, and prosthesis loading.

Max. body weight of 330 lbs. (150 kg)

Expands the application possibilities and enables even more users to benefit from the advantages of the Kenevo microprocessor knee.

Prosthesis solution

6Y85 Skeo Skinguard

6Y110 Skeo Sealing TF

1C11 Terion K2

6Y88 Skeo 3D Liner

6Y111 Skeo Sealing 3D TF

1C30-1 Trias

4R160 KISS Lanyard System

21Y21 ClickValve

VS4 Kintrol

5A60 Varos Socket

21Y14 PushValve

VS5 Restore

