The *C-Leg*.

The performance you trust, plus even more possibilities.

Fit your patients with a microprocessor knee that helps simplify and enrich their everyday lives. The ***C-Leg*** delivers the proven reliability you have come to expect for activities like walking backwards and navigating uneven terrain. Its waterproof design (IP68) provides added confidence around water, helping users stay active in a wide range of everyday environments. Following exposure to water, simply rinse the knee joint with fresh water to help prevent corrosion.

For users

- Waterproof (IP68). Suitable for use in wet and humid environments for a maximum of 1 hour in water up to 3 m (10 ft) deep. It tolerates contact with fresh, salt, and chlorinated water and shower gel.* Not corrosion resistant. After exposure to corrosive elements, rinse the knee with fresh water and fully dry
- With the intuitive cycling feature, the ***C-Leg*** recognizes when the user begins pedaling or dismounts the bike, adjusting the resistance automatically
- Assisted descent on ramps and stairs
- Improved stance release
- Stumble recovery Plus active at all times
- Support for sitting down plus more comfort once seated
- Training function
- Choice between intuitive and deliberate stance
- More options for special activities with MyMode Plus
- Deep sleep mode to save battery
- Redesigned charger allowing one-handed operation
- Customizable shield insert
- Safe backwards walking
- Reliable swing and stance phase control
- Smart control via the the user app for Android and iOS
- With the manual locking function, users can conveniently secure the knee in extension via a simple tapping pattern

For professionals

- ***connectgo.pro*** for Android and iOS smartphones and tablets makes it quick and easy for O&P professionals to adjust the ***C-Leg***
- Training function
- Delivered without factory settings for optimal alignment – enter user data and get parameter recommendations
- Standard, easily shortened tube adapters
- Access usage statistics to see progress at each appointment
- Can be connected to an osseointegrated, percutaneous implant system**

*Salt and chlorinated water and shwer gel can damage the mechanical components and cause discoloration and corrosion.
** Verify that the manufacturer of the implant system and the manufacturers of the corresponding exoprosthetic components/adapters also permit this combination.



The *C-Leg*.

Offer your patients the latest in proven performance.

ottobock.

1 **Integrated Bluetooth® technology**
Enables intuitive communication with the joint and can easily be deactivated

2 **Lithium-ion battery**
Located directly in the rotation axis – should be charged overnight when used on a daily basis

3 **Inertial motion unit (IMU)**
Gyroscope and accelerometers track spatial positioning and acceleration, enabling control based on motion analysis and additional force determination

4 **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

5 **Waterproof (IP68)**
After exposure to water rinse the knee joint with fresh water to avoid corrosion

6 **Knee angle sensor**
Measures flexion angle and angular velocity

7 **Integrated microprocessor electronics**
Coordinates all measurement and control processes

8 **Hydraulic unit**
Generates motion resistance for flexion and extension during the stance and swing phase

9 **Charging receptacle**
Easily accessed at the back of the joint and protected by a cover



Technical data

Mobility grade	2 – 4
Max. body weight	136 kg (300 lbs)
Knee flexion angle	130° without flexion stop[1]
Weight (without tube adapter)	1.250 g (pyramid) 1.255 g (threaded connector)
Frame material	Carbon
Moisture protection	Waterproof (IP68), not corrosion-resistant
Available colors	Midnight shadow, desert pearl
Tube adapter	2R57, 2R67



max. 136 kg

[1] The flexion stop reduces the knee flexion angle by 8° (pre-assembled) or 16°.

Tried and tested: recommended components for a C-Leg fitting*

Socket / Liner	Suspension	Feet	Structural components
● 7T450=1 SiOCX Socket ● 6Y110 Skeo Sealing TF ● 6Y111 Skeo Sealing 3D TF	● 21Y21 ClickValve	● 1B1-2 Meridium ● 1C63 Triton Low Profile ● 1C70 Evanto ● 1C50 Taleo ● 1C53 Taleo Low Profile ● 1C56 Taleo Adjust ● 1C58 Taleo Side Flex ● F22 Maverick Comfort AT ● 1C59 Taleo Adapt	● 4R57 Rotation adapter ● 4R11 Quickchange

* All components are sold separately and are available Ottobock products that are compatible with the C-Leg knee joint, actitioners need to select components based upon individual patient criteria.

www.ottobock.com
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