ottobock.

Genium X3

1. **Inertial motion unit (IMU)**
   The gyroscope and sensors make it possible to control the Genium X3 in real time, with the highest precision and adaptation to the requirements.
2. **Hydraulic unit**
   The hydraulic unit controls the Genium X3. Two control valves independently control the flexion and extension resistances.
3. **Battery and electronics**
   The battery and electronics are enclosed and protected by the frame. The integrated microprocessor coordinates all measurement and control processes.
4. **Bluetooth®**
   Integrated Bluetooth® technology permits straightforward communication with the joint. Bluetooth® can be deactivated if necessary.
5. **Knee moment sensor**
   The knee moment sensor supplies data to precisely determine the forces acting on the prosthesis.
6. **Inductive charging**
   The inductive charger is magnetically attached to the back of the knee joint and permits charging through clothing.
7. **Robust Protective Covers**
   The additionally available Protective Covers made of durable polyurethane protect the knee joint and stand up even under heavy demands.

4X193-1 Protective Cover

Benefits[2]

- Especially robust (see moisture protection, materials for the prosthesis and Protective Covers...)
- OPG 2.0 for the smoothest, most natural gait (including on uneven surfaces), safety when walking backwards, noticeable support when walking uphill and downhill
- Sophisticated Stumble Recovery
- Stairs and Obstacle Function for climbing stairs step-over-step and crossing obstacles
- Choice between Intuitive and Deliberate Stance Function
- MyModes plus offer a tremendous selection of individual adjustment possibilities for 5 different modes
- Walk-to-run function for short sprints (in basic mode)
- Running mode for sports (additional mode)
- Smart adjustments via the Cockpit app for iOS and Android devices
- Adjustment software with descriptive video tutorials and setting recommendations for bilateral and hip disarticulation users support an efficient fitting (X-Soft version 1.8 and up)
- Approved for osseointegration

[2] More about Genium studies: www.ottobock.com/clinicalstudies

Technical data

Article number	3B5-3 (pyramid adapter), 3B5-3=ST (threaded adapter)
Max. body weight	125 kg
Knee flexion angle	135° without flexion stop[1]
Weight of the knee joint	1,710 g
Material	Robust frame made of titanium, hard anodised aluminium and stainless steel, special coatings and sealed components. Protective Covers made of durable polyurethane.
Moisture protection	Waterproof and corrosion-resistant (IP 68), resistant against strong water-jets
Tube adapter	2R19

[1] Flexion stop reduces the knee flexion angle by 7.5°, 15° or 22.5°

Can be ideally complemented by:

ProSeal ring 452A1
ProSeal liner 6Y81
Push Valve 21Y14

Triton Low Profile 1C63
Triton Heavy Duty 1C64

Protective Cover 4X193-1

Quickchange 4R10=111
Corrosion Resistant
Rotation Adapter
4R57=WR