

ottobock.

The new Genium[®] and X3

Know the difference



Quality for life

Information for technicians

Proven improvements

For anyone living an active life, a fitting with the Genium and X3 can result in significant advantages. Eighteen publications have already provided scientific proof of what users feel and experience.¹ The unique technology behind the Genium and X3 has now been significantly enhanced based on this strong foundation. Initial study results confirm that 90 % of test users clearly prefer the Genium and X3 over their existing fitting with the previous model.²

Numerous technical upgrades

OPG 2.0

For a smoother gait and a decisive advantage in terms of everyday support.

New water protection classes

Significantly improved for both prosthetic knees.

MyModes plus

Greater selection of adjustment options to meet the individual needs of each user.

X-Soft 1.8

New software for an efficient fitting process with integrated video tutorials.

Cockpit app 2.0

Can now be controlled with Android and Apple devices (iOS).*

* Apple iOS compatibility is available with new versions of Genium and X3 only. iOS compatibility is not available with previous versions of Genium and X3.

OPG 2.0

For any situation. Every day.

Based on human movement as the model.

The unique OPG technology has been further enhanced:

- Noticeably smoother extension during the stance phase
- Improved timing of the swing phase when walking slowly
- Gentler swing phase movement when walking quickly

“I immediately felt a difference the first time I wore the new joint.”

New Stumble Recovery is active during the entire swing phase.

- Makes you feel safe, even when the prosthesis swings up
- Further boosts confidence

“I don’t need it often, but Stumble Recovery is key because it gives me 100% confidence in the prosthesis.”

More support while walking up and down inclines.

- Walking up inclines now easier with flexed prosthesis (PreFlex)
- Two settings for negotiating inclines: “dynamic” plus new “supported”

“Walking up and down inclines can be quite a challenge. Any help is appreciated.”

New water protection classes

The new Genium – now more weatherproof.

Thanks to the higher IP rating 67, it can be exposed to brief rain showers and come into short-term contact with splashed water.

The new X3 – swimming and showering.

X3 users can be mobile in and on the water. In addition to water and corrosion resistance (IP 68), which allows the prosthesis to be submerged, the X3 can now be exposed to stronger jets of water as well. This means users can thoroughly rinse the prosthesis without any concerns, for example after spending time in chlorinated or salt water. Showering with the prosthesis is possible as well.

The update in focus: additional new features

The new MyModes plus

Important applications predefined.

More than 30 modes for recreation, sports, and work are already included in the new adjustment software and only need to be configured by the technician.

Enormous adjustment options for personal MyModes.

The behavior of the joint can be adapted to the individual needs of the user much more precisely, for example by adding a swing phase, extension stop, and more. Millions of adjustment options are therefore available for up to five additional modes.

Smart software for technicians and users

The new X-Soft 1.8 adjustment software.

Clear video tutorials directly in the adjustment software and considerably more presets for different user groups (hip disarticulation, bilateral amputation and more) make the fitting process easier.

Cockpit™ app 2.0 for users – now iOS-compatible.*

Users can select MyModes themselves, change the volume or resistance, and more. This can now be controlled with both Apple and Android devices.

The new Genium® and X3



X3
3B5-3*

Genium
3B1-3*

Important additional information for you:

- Your certification for fitting both joints is still valid
- Please note the new product reference numbers:
X3: 3B5-3; 3B5-3=ST
Genium: 3B1-3; 3B1-3=ST
- Update to X-Soft 1.8 (4X1=V1.8) required
- Genium "Desert Pearl" color has been discontinued
- Remote control (4X350) is no longer compatible with new Genium and X3

The best fitting Matching enhancements

The latest accessories now let you adapt the new Genium® and X3 even more closely to the needs of your users.

New



Waterproof rotation adapter for Genium X3

4R57=WR | 4R57=WR-ST

Sit comfortably, even with one leg over the other or cross-legged, put on and take off shoes and socks easily, and more.

New

Quickchange

4R10=111

Allows easy removal for changing of feet or clothing.



Challenger prosthetic sports foot 1E95

High energy return and vertical shock absorption, plus control and stability.

The new Genium[®] and X3 get higher ratings for safety during walking. Users also reported a reduction in stumbling and falling.²

Genium and X3 users tested the new knee joint as part of a clinical study.¹





Kerstin Schlegel,
a married mother of two daughters,
tested the new X3.

90% of users prefer
the new knee joint.²

Genium and X3 users
tested the new knee joint
as part of a clinical study.

**Genium and X3 –
proven technology.**



Stairs and
obstacles
function

For going up
and down stairs
step-over-step
and overcoming
obstacles.

Walk-to-run
function

Spontaneously
change from
walking to running.



Intuitive and
deliberate
stance
function

Relief on inclines
and uneven surfaces.



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¹ More about Genium studies:
www.ottobock.com/clinicalstudies

² Kampas, P. et al.: The New Genium Prosthetic Knees -
New Features Increase Patient Benefit (Article in German)
11/2018.