

To establish a more natural experience of mobility, the Freedom Innovations team at PROTEOR examined biological norms and developed the Plié 3 knee with a microprocessor controlled swing and stance.

The Plié 3 is the most responsive MPC knee ever developed, thanks to its combination of high-performance processing capabilities and a cutting-edge hydraulic system.

Waterproof*

*Waterproof note: Suitable for occasional submersion in fresh water only. If exposed to chlorinated or salt water, rinse immediately with fresh water and dry.



Standard Black Designer Fairing

Features and Benefits

- Independent adjustment of flexion, extension and stance yield
- Sampling at 1000 Hz with a spool valve response time of 10 milliseconds, the Plié 3 responds 10 to 20 times more rapidly than other MPC knees
- Unique design controls both stance and swing phases, and the transition between them
- Rapid gait response through the combination of the hydraulic control and the microprocessor control logic, allowing the knee to react much faster than other MPC knees
- Advanced, customisable stumble recovery
- Cadence report to assist with outcome measures
- Selection of 10 designer fairings
- Transferable settings - save and reinstall settings into another unit e.g. when refitting after servicing
- Water and particle-proof to IP67*

Plié 3 Packages

- Plié 3 package includes a 5 year warranty, choice of one foot (Kinterra, Sierra, Highlander, Agilix, Pacifica LP or DynAdapt), a set of adapters and a preferred designer fairing.

Designer Fairings



Clinical Application

The Plié 3 is suitable for any K3 transfemoral prosthesis user who has adequate hip flexion and extension strength, is capable of walking a limb with a free knee, and would benefit from a unit that provides:

- A high degree of safety, by means of a stumble recovery system
- A customisable recovery system that will maintain safety over a range of activities
- The opportunity to walk at variable cadence over surfaces such as sand, pebbles and through grass
- Protection from dust, silt, powder and moisture, either in the work place or when pursuing a leisure activity
- Continuous function even when occasionally totally submersed
- The ability to walk backwards, or traverse sideways
- For high K3 or K4 users, the opportunity to jog, or participate in a sport where change of pace or direction is required

Please see the order form overleaf for further information on impact levels for compatible feet.

Ordering Information

Trial Period - this knee has a 30 day trial period.

Part Number	Description
KIT-PLIEMPK	Plié 3 Kit which includes a 5 year warranty, preferred designer fairing and a choice of one foot - Kinterra, Sierra, Highlander, Agilix, Pacifica LP or DynAdapt.
	Please see overleaf to order the Plié 3 MPK package via the order form.

The Plié 3 knee comes with its own carrying case, user instructions, and the following accessories:

- Wireless USB adapter
- Lithium-ion batteries x2
- Software CD
- Battery charger
- Air pump with hose adapter
- Smooth hose adapter for air pump

Product Specification

Weight Limit*	Impact Level	Build Height	Weight of Unit	Warranty
125kg	Low / Moderate	23.5cm Pyramid	1235g	5 years
100kg	High	22.3cm Threaded		

Designer Fairings

Ordering Information

Part Number	Description
NKS3-DF-BBLUE-00	Blazing Blue
NKS3-DF-COPPR-00	Captivating Copper
NKS3-DF-METAL-00	Tech Metal
NKS3-DF-PPINK-00	Pink Passion
NKS3-DF-PROUD-00	Proud Marines
NKS3-DF-BLACK-00	Standard Black
NKS3-DF-PWHITE-00	Pearl White
NKS3-DF-RARED-00	Radical Red
NKS3-DF-CAMO1-00	Forest Camo
NKS3-DF-FLAME-00	Fabulous Flames
NKS3-DF-FLAGS-00	The Patriot

Spare Parts Ordering Information

Part Number	Description
NKS1-00-BATT2-00	Lithium Ion Battery
NKS1-00-BLUE1-00	Bluetooth Dongle
NKS1-00-AIRP1-00	Air Pump with Hose Adapter
NKS1-00-VALV1-00	Smooth Hose Adapter for Air Pump
NKS1-00-SFTW2-00	Software CD V6
NKS2-00-COVLF-00	Cosmetic Cover - Left
NKS2-00-COVRG-00	Cosmetic Cover - Right
NKS1-00-BCAP1-00	Battery Cap, Replacement
NKS1-00-RING1-00	O-rings (set of 5)

Technical Information

Pyramid Adapter
Max. knee flexion angle: 125°

Threaded Adapter
Max. knee flexion angle: 117°

