

Helpknee and Apexpulse Catalogue

Helpknee™ Series

Apexpulse™

External Fixators
of Operating Tables

Disposable Pulse
Lavage System



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External Fixators of Operating Tables

Provides stable knee position during surgery



Allow the leg to be manipulated into the desired position and securely locked in place. It has the necessary adjustments to tilt, rotate, and flex or extend the knee. Extension/flexion adjustments can be made with quick release of the ratchet. In use, the base plate is clamped onto the operating table with the vertical side bar. The base plate is then draped and the sterile support plate lowered into the base plate. The patient's foot is wrapped into the foot support with a sterile bandage (additional padding may be used for thin tibias). One Sterile Pad & Bandage kit was attached free of charge for first purchase.



Ratchet

The Ratchet allows the Yoke Assembly to be moved in a precise gradual manner along the Track. For adjustments, Press down the Ratchet Handle to release the Yoke Assembly which can slide along the track easily and smoothly

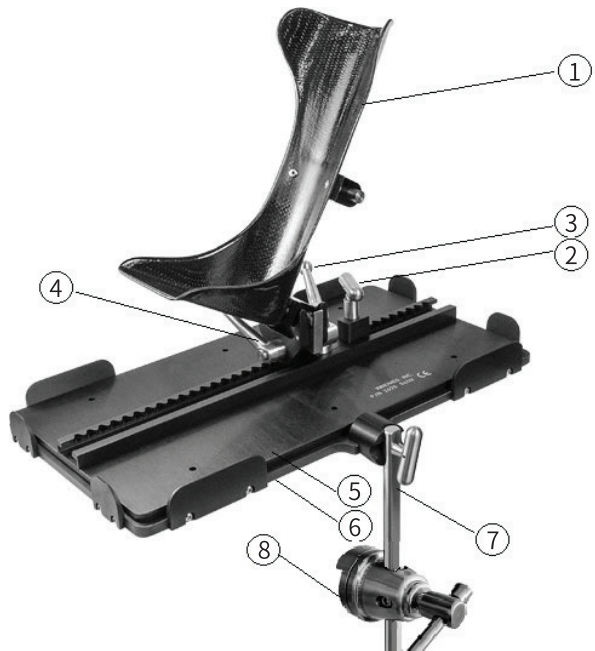
Rotation Bar

Loosening the Rotation Bar allows the knee to be rotated in any direction. Tightening the bar locks the Yoke System in the desired direction

Tilt Bar

Loosening the Tilt Bar allows the knee to be tilted in any direction. Tightening the bar locks the Yoke System in the desired position

No.	Components	Materials
1	Foot Bracket	Carbon Fiber
2	Ratchet	304 Stainless Steel
3	Rotation Bar	304 Stainless Steel
4	Tilt Bar	304 Stainless Steel
5	Support Plate	Aluminium alloy
6	Base Plate	Aluminium alloy
7	Connecting Rod	304 Stainless Steel
8	Lock	304 Stainless Steel



Optional & Replacement Parts

Product Name	Accessories	Materials	Quantity	Remark
Sterile Pad and Bandage Kits	Elastic Bandage	Non-woven fabrics, polyester, polyester elastic yarn, high polymer	2	Single-head
	Foam Pad	Polyurethane	1	

Caution:

- It should be sterilized according to common orthopaedic instruments before used.
- Foam pad and bandage kits should be purchased separately.



Disposable Pulse Lavage System

APEXPULSE™ Pulse Lavage system is a disposable lavage system, it can provide pulsed lavage and suction.

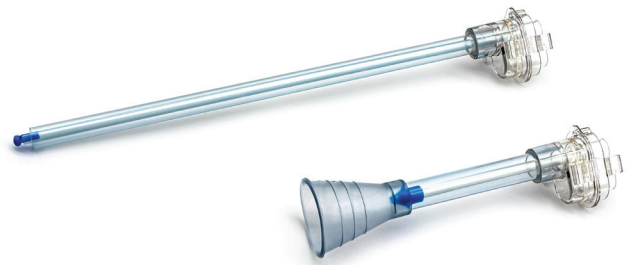
Pulsed Lavage is now considered mandatory process in THR and TKR because it yields significant improvement of cement penetration and reduce the risk of fat embolism, compared to syringe lavage, due to significantly higher fat and bone marrow extravasations.

It is also widely used in general wound and ulcer cleaning.



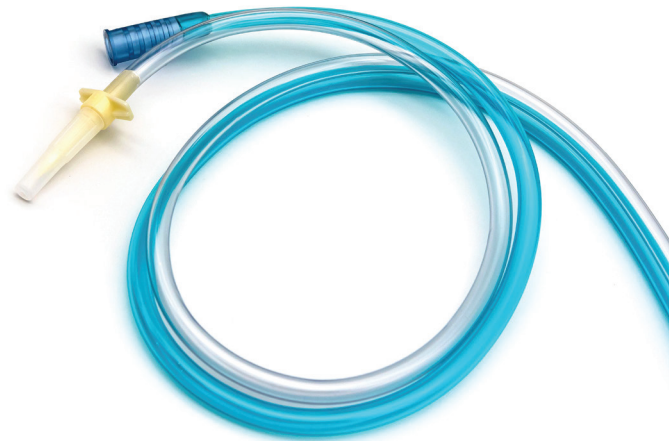
Product Name	Model	Color	Used for	Anti-splash cover	Package
Disposable Pulse Lavage	AP-D01	Blue	Special for Spine	No	1 Pcs. / Box
	AP-D02	White	Special for Joints	No	1 Pcs. / Box
	AP-D03	Green	Special for Trauma	Yes	1 Pcs. / Box

- **Specialized Sprinkler Head Design:** to meet the clinical needs of different surgical irrigation



- **High Performance Alkaline Battery:** ensure the long running of the main engine

- **Simultaneous Flushing, Timely Collection of Waste Liquid:** shorten the operation time, reduce the waste of medical resources



- **Sprinkler Head Equipped With Anti-splash Cover:** more effective to prevent the waste liquid splashing, to protect the safety of the surgeon

- **The main engine meets European and American standards:** to ensure the safety and stability of product performance





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