

# Flexion trauma extension device

## Flexibility in orthopedic surgery set-ups

While designing Flexion Extension Device patient safety and work ergonomics have especially been taken into account. Light weight leg plates can be used together or separately while making set-ups. Both legs can be supported which prevents possible additional damage and injury. While making set-up both legs can be placed on light weight leg plates, so health care staff don't need to hold them. This improves work ergonomics. In addition, Flexion Extension Device is very easy and light weight to use.

### Features in a nutshell

- Single system for several fields of orthopaedics; e.g. hip arthroscopy and lower extremity procedures
- Flexible patient positioning
- Intuitive one-hand adjustment for adduct / abduct and flex / extend
- Quick latching system – ready to use straight away
- Excellent C-arm access for imaging during surgery
- X-ray translucent light weight leg plates
- Modular system that can easily be upgraded to different applications with additional components
- Viscoelastic mattresses prevent pressure ulcers, which improves patient safety
- Buttocks support improves pelvic stability during operations when needed
- Different accessories with rail attachment can be used together with Flexion
- The trolley for Flexion Extension Device is ergonomic and easy to use. It increases safety for the OR staff during set-up. It has two main purposes:
  - Storage for Flexion and accessories when not in use
  - Docking device to connect Flexion to the operating table
- Design patented in USA, Design Patent No. U.S. D780,929S





## Flexion multipurpose system

Flexion orthopedic extension device for Promerix operating table for traction of the lower extremities. To be mounted to the head end of the table. Unimpeded access for the C-arm and smooth articulation.

Including:

- Extension bar, 1 pc.
- Additional Extension bar, 1 pc.
- Traction unit to Extension bar, 1pc.
- Gross Traction unit to Add. extension bar, 1pc.
- Traction boot, adult, 2 pcs.
- Shaped foam padding for Flexion traction boot (adults) 2 pc.
- Pelvic support, 1 pc.
- Buttocks support with mattress
- Counter traction post (3 diff. size of pads)
- Lightweight Divided Carbon Fibre Leg plates (pair)
- Accessory rail elongation 19128 (needed to attach Stirrup or Knee Crutch; EUR or US rails, please specify)
- Flexion trolley
- Package for Flexion orthopedic extension device
- Order No. 1005 19450

## Flexion basic trauma system

Flexion orthopedic extension device for Promerix operating table for traction of the lower extremities (Excluding good leg extension bar and boot). To be mounted to the head end of the table. Unimpeded access for the C-arm and smooth articulation.

Including:

- Extension bar, 1 pc.

- Traction unit, 1pc.
- Traction boot, adult, 1 pc.
- Shaped foam padding for Flexion traction boot (adults) 1 pc.
- Pelvic support, 1 pc.
- Buttocks support with mattress
- Counter traction post (3 diff. size of pads)
- Lightweight Divided Carbon Fibre Leg plates (pair)
- Accessory rail elongation 19128 (needed to attach Stirrup or Knee Crutch; size EUR, US, or UK)
- Flexion trolley
- Package for Flexion orthopedic extension device
- Order No. 1005 19400

## Technical Specifications

Safe working load (SWL)	180 kg
Product Code	100519450, 100519400

## Contact us

**Merivaara Corp.**  
Tarmontie 2-4  
15860 HOLLOLA  
FINLAND

+358 3 3394 611

[merivaara@merivaara.com](mailto:merivaara@merivaara.com)