Zimmer Tourniquet Systems: A Personal Focus, A Personalized Fit
Introducing the A.T.S.® 4000

Zimmer continues to offer the only tourniquet system on the market with a calculated response for personalized pressure.

No two people are the same. Treating every patient with precise, personalized pressure is the inspiration behind our market-leading Tourniquet System design. The Zimmer A.T.S. 4000 Tourniquet System doesn’t just stop blood flow; we strive for personalized pressure by delivering the minimum tourniquet pressure at a specific time, with a specific cuff, for a specific patient limb.

Zimmer A.T.S. 4000
- Number of Ports: Dual Port
- Number of Potential Cuffs: Dual Cuff
- Mounting Options: Table or Pole Mount
- Battery Type and Life: Lithium Ion – 6 hrs
- User Interface: Touchscreen
- International Alarm Standard 60601-1-8: Compliant
- Display: 8.4” Color
- Limb Occlusion Pressure Technology
- Line Occlusion Detection - (Acoustic Reflectometry)
- Cuff Alert
- Automatic IVRA Cuff Lock Out
- Advanced Leak Detection
- Pre-Op Cuff Test

Zimmer A.T.S. 2200
- Number of Ports: Single Port
- Number of Potential Cuffs: Dual Cuff
- Mounting Options: Table or Pole Mount
- Battery Type and Life: Lithium Ion – 6 hrs
- User Interface: Touchscreen
- International Alarm Standard 60601-1-8: Compliant
- Display: 7.0” Color
- Limb Occlusion Pressure Technology
- Line Occlusion Detection - (Acoustic Reflectometry)
- Cuff Alert
- Automatic IVRA Cuff Lock Out
- Advanced Leak Detection
- Pre-Op Cuff Test

Personalized Pressure™ Technology

Personalized Pressure can help surgeons choose a more individual, often lower, cuff pressure. Lower tourniquet cuff pressure reduces post-operative wound complications after TKA.¹

Applying lower tourniquet pressure has been found to result in less post-operative pain. One study demonstrated that an average thigh tourniquet pressure of 230mmHG resulted in statistically significant lower pain over a multi-day recovery period versus a tourniquet pressure of 350mmHG.²

Minimizing tourniquet pressure and pressure gradients by using Personalized Pressure helps minimize the risk of nerve-related injuries.³

The A.T.S.® 2200

Zimmer offers a portfolio of Tourniquet Systems to meet your OR needs.

The A.T.S. 2200 Tourniquet is our new single port, dual cuff, touchscreen system.
A.T.S.® Contour Cuffs
Versatility and flexibility for both surgeon and patient

- Designed to fit most adult patients for arm, thigh, lower leg and Bier Block (IVRA) applications
- Unique, proprietary pivoting straps with contour design adjust to a wide range of limb shapes and sizes, including conically shaped limbs
- Slim, low-profile design provides superior fit and performance on tapered limbs
- Wider than other cuffs to help provide improved application of pressure to the operative limb

Previous studies have shown that wide and wide contoured tourniquet cuffs occlude flow at lower pressures than narrower cuffs. For tapered limbs, contouring the cuff to match the conical shape of the limb has been shown to reduce limb occlusion pressure.

A.T.S.® Reusable Cuffs
Designed for comfortable, repeated use

- 90-Degree Ports help keep hoses clear of the surgical site
- Contact Closures and Fasteners hold the cuff securely in position by virtually eliminating rolling and twisting
- Single/Dual Port Options allow for use with any A.T.S. tourniquet regulator

A.T.S.® Disposable Cuffs
Low profile, high performance

These durable, latex-free sterile cuffs are designed and manufactured to ensure enhanced performance and patient comfort, while providing single-use convenience. The wide variety of color-coded sizes makes it easy to meet even the most demanding procedural needs.

- 90-Degree Ports help keep hoses clear of the surgical site
- Contact Closures and Fasteners hold the cuff securely in position by virtually eliminating rolling and twisting
- Single/Dual Port Options allow for use with any A.T.S. tourniquet regulator
- No Cleaning, no cross-contamination – just discard after use
- Single/Dual Bladder Options offer convenient choices for cuff style and sizing, including use with intravenous regional anesthesia (IVRA) or Bier Block procedures

Protection Sleeves
Specially designed to complement Zimmer cuffs and protect the patient from skin wrinkling and pinching.

Personalized Pressure™ Technology
Zimmer disposable cuffs have been shown to have superior surface contact than comparable 4” disposable tourniquet cuffs. Studies have shown that greater surface contact potentially reduces tourniquet inflation pressure.

Zimmer limb protection sleeves have been found to be more effective at eliminating wrinkles and pinches in the skin surface as well as reducing the chance of folding or wrinkling of material under the cuff during application when compared to four-layer stockinet and conventional cast padding.
IT’S PERSONAL.

For more information about the new Zimmer Tourniquet Systems – featuring Personalized Pressure™ Technology – contact your Zimmer representative or learn more at personalpressure.zimmer.com.

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