AT4 Tourniquet System

Ideal for single or bi-lateral orthopaedic surgery and pain management
**The AT4 Electronic Tourniquet:**
A state-of-the-art dual channel electronic tourniquet with integral power supply, which requires no external compressed air supply and comes with mobile stand and cuff supply hoses.

**The AT4 Pneumatic Tourniquet:**
A traditional dual channel pneumatic tourniquet operating from 4 or 7 bar piped air service, comes with mobile stand and cuff supply hoses.
Anetic Aid’s AT4 Tourniquet System is a completely new design which is intuitive and simple to use. Its compact construction is lightweight yet robust, containing advanced technology which offers maximum safety and reliability.

The electronic version operates from its own integral air supply, removing the need for an external pressure source, and both this and the pneumatic version have sensitive leak compensation facilities as well as automatic self-diagnostic checks on start-up, which means they are calibrated every time they are switched on.

An innovative added safety feature has been incorporated for Bier’s block regional anaesthesia procedures (IVRA); it will simply not be possible to deflate cuffs in the wrong order risking the dangerous release of anaesthetic into the rest of the patient’s body.

### The AT4 Electronic Tourniquet:

A state-of-the-art dual channel electronic tourniquet with integral power supply, which requires no external compressed air supply and comes with mobile stand and cuff supply hoses.

**Code:** 40080

### The AT4 Pneumatic Tourniquet:

A traditional dual channel pneumatic tourniquet operating from 4 or 7 bar piped air service, comes with mobile stand and cuff supply hoses.

**Code:** 40070
Features of the AT4 Tourniquet System

- Independent displays
  Pre-select and actual cuff pressure readings

- Precision controlled regulators
  User friendly simple to use controls

- Automatic self diagnostic checks
  On start-up and throughout use

- IVRA (Bier’s block)
  Procedural guidance feature

- Automatic LCD timers
  With user defined elapsed time alarm

- Cuff hooks
  For ease of storage

- Additional storage facility

Pressure range
0 – 600 mmHg

Visual and audible warnings
For battery, leaks and calibration

Positive feel push buttons
Inflate / deflate functions

Easy to clean
Low maintenance

Dual channel system
Single or dual channel operation

Quick release hosing
For ease of storage

Colour coded channels
From controls to cuff

- AT4 Tourniquet System
- Introduction
- Overview
- Features of the AT4 Tourniquet System
- Six-use Day Tourniquet Cuffs
- Classic and Premier Tourniquet Cuffs
- Cuff Covers/Liners and Exsanguinators
- Connectors and Main Air Supply Leads
- Toe-niquet™ and Pressure Infuser Bag
- Optional Extra Code Details
- Summary
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Six-use Day Tourniquet Cuffs

Six-use Day Tourniquet Cuffs are an ideal alternative to re-usable cuffs, offering reduced risk of cross infection. Guaranteed for six uses, they are cost effective enough to dispose of as a single use item. Latex free with a slim, low profile design they are available in a range of colour coded sizes and supplied in boxes of 10.

Six-use Day Tourniquet Cuffs (box of 10) – Straight
- Paediatric (305mm x 60mm) 40285
- Adult Arm Narrow (460mm x 75mm) 40288
- Adult Arm (460mm x 100mm) 40290
- Small Leg Narrow (610mm x 75mm) 40292
- Small Leg (610mm x 100mm) 40293
- Adult Leg (860mm x 100mm) 40295
- XL Adult Leg (1070mm x 100mm) 40296

Six-use Day Tourniquet Cuffs (box of 10) – Conical
- Adult Conical Leg (860mm x 100mm) 40297
- XL Adult Conical Leg (1070mm x 100mm) 40298

Six-use Day Tourniquet Cuffs (box of 10) – Infant
- Infant Small (160mm x 45mm) 40281
- Infant Medium (230mm x 45mm) 40282
- Infant Large (315mm x 45mm) 40283
Classic and Premier Tourniquet Cuffs

**Classic Tourniquet Cuffs**

Classic Tourniquet Cuffs are a traditional re-usable tourniquet cuff. Slim low profile design, latex free materials and designed for mid-term use, available in a variety of colour coded sizes.

**Premier Tourniquet Cuffs**

Premier Tourniquet Cuffs are a traditional re-usable tourniquet cuff. Manufactured from easy to clean, robust, latex free materials with additional safety straps for long-term use, available in a variety of colour coded sizes from paediatric to extra-large adult leg.
**Cuff Covers and Foam Cuff Liners**

Cuff Covers and Foam Cuff Liners are used to protect soft tissue from pinching and shear forces when inflating the tourniquet. They are produced with just the correct amount of padding to ensure the lowest pressure required for safe limb occlusion. Cuff Covers also offer a barrier against skin prep and other procedural fluids and ensure the cuff remains clean between cases.

<table>
<thead>
<tr>
<th>Tourniquet Cuff Cover Small (box of 30)</th>
<th>40300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tourniquet Cuff Cover Large (box of 30)</td>
<td>40310</td>
</tr>
<tr>
<td>Foam Cuff Liner (pack of 10)</td>
<td>40320</td>
</tr>
</tbody>
</table>

**Exsanguinators**

The Rhys Davies Exsanguinator is a simple but effective piece of equipment which allows the exsanguination of limbs for surgery without subjecting the limb to the high pressures experienced with other methods of exsanguination.

<table>
<thead>
<tr>
<th>Rhys Davies Exsanguinator</th>
<th>40400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Esmarch Bandage 5.5 metre</td>
<td>L1112-55</td>
</tr>
</tbody>
</table>
Connectors and Main Air Supply Leads

A complete selection of accessories is available to ensure tourniquet equipment continues to work in line with manufacturer’s guidelines.

Y-Connector – medical air – 4 bar 40500
Y-Connector – medical air – 7 bar 40510
Extension lead – 5 metre – 4 bar male probe to 4 bar female Schrader 40520
Extension lead – 5 metre – 7 bar male probe to 7 bar female Schrader 40530
Safety connectors – Male & Female (with strip-tie) 40600
Safety connectors – Female (with strip-tie) 40610
Safety connectors – Male (with strip-tie) 40620
Strip-tie (pack of 50) 40630
O-ring washer (pack of 50) 40640
**Toe-niquet™**

Toe-niquet™ is a simple, easy to apply, digit tourniquet available in four, highly visible, colour coded sizes. Toe-niquets are sterile, individually packed and are supplied in packs of 10.

Introduced in response to the National Patient Safety Agency NPSA/2009/RRR007, they have an integral nylon tag to ensure safe removal.

<table>
<thead>
<tr>
<th>Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small (pack of 10) – Yellow</td>
<td>54611</td>
</tr>
<tr>
<td>Medium (pack of 10) – Pink</td>
<td>54612</td>
</tr>
<tr>
<td>Large (pack of 10) – Green</td>
<td>54613</td>
</tr>
<tr>
<td>Extra Large (pack of 10) – Blue</td>
<td>54614</td>
</tr>
</tbody>
</table>

**Infu-Surg Pressure Infuser Bag**

Designed to be convenient and simple to operate, Infu-Surg bags load quickly, easily and are single hand operated allowing the user to simultaneously control other operating devices.

Available in multiple sizes, adaptable with most IV bags, Infu-Surg can be used for a wide variety of fluids. Supplied in boxes of 5.

<table>
<thead>
<tr>
<th>Infu-Surg Pressure Infuser Bag</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>500ml (box of 5)</td>
<td>4005</td>
</tr>
<tr>
<td>1000ml (box of 5)</td>
<td>4010</td>
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<tr>
<td>3000ml (box of 5)</td>
<td>4030</td>
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## Optional Extra Code Details

<table>
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<tr>
<th>ITEM</th>
<th>Cat No</th>
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</thead>
<tbody>
<tr>
<td>Optional extras</td>
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</tr>
<tr>
<td>E-size cylinder regulator 4 bar</td>
<td>40150</td>
</tr>
<tr>
<td>E-size cylinder regulator 7 bar</td>
<td>40160</td>
</tr>
<tr>
<td>E-size cylinder bracket kit</td>
<td>40170</td>
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<tr>
<td>Additional storage facility</td>
<td>40180</td>
</tr>
<tr>
<td>Six-use Day Tourniquet Cuffs</td>
<td>40281 – 40298</td>
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<tr>
<td>Premier Tourniquet Cuffs</td>
<td>40200 – 40278</td>
</tr>
<tr>
<td>Classic Tourniquet Cuffs</td>
<td>40700 – 40770</td>
</tr>
<tr>
<td>Tourniquet Cuff Cover Small (box of 30)</td>
<td>40300</td>
</tr>
<tr>
<td>Tourniquet Cuff Cover Large (box of 30)</td>
<td>40310</td>
</tr>
<tr>
<td>Foam Cuff liner (pack of 10)</td>
<td>40320</td>
</tr>
<tr>
<td>Rhys Davies Exsanguinator</td>
<td>40400</td>
</tr>
<tr>
<td>Esmarch Bandage</td>
<td>L1112-55</td>
</tr>
<tr>
<td>Y-connector – medical air – 4 bar</td>
<td>40500</td>
</tr>
<tr>
<td>Y-connector – medical air – 7 bar</td>
<td>40510</td>
</tr>
<tr>
<td>Extension lead – 5 metre – 4 bar male probe to 4 bar female Schrader</td>
<td>40520</td>
</tr>
<tr>
<td>Extension lead – 5 metre – 7 bar male probe to 7 bar female Schrader</td>
<td>40530</td>
</tr>
<tr>
<td>Safety connector – Male &amp; Female (with strip-tie)</td>
<td>40600</td>
</tr>
<tr>
<td>Safety connector – Female (with strip-tie)</td>
<td>40610</td>
</tr>
<tr>
<td>Safety connector – Male (with strip-tie)</td>
<td>40620</td>
</tr>
<tr>
<td>Strip-tie (pack of 50)</td>
<td>40630</td>
</tr>
<tr>
<td>O-ring washer (pack of 50)</td>
<td>40640</td>
</tr>
<tr>
<td>Toe-niquet Small (pack of 10) – Yellow</td>
<td>54611</td>
</tr>
<tr>
<td>Toe-niquet Medium (pack of 10) – Pink</td>
<td>54612</td>
</tr>
<tr>
<td>Toe-niquet Large (pack of 10) – Green</td>
<td>54613</td>
</tr>
<tr>
<td>Toe-niquet Extra Large (pack of 10) – Blue</td>
<td>54614</td>
</tr>
<tr>
<td>Infu-Surg pressure infuser bags (box of 5)</td>
<td>4005 – 4030</td>
</tr>
</tbody>
</table>
Summary

ITEM

AT4 Pneumatic Tourniquet
AT4 Pneumatic Tourniquet with mobile stand c/w cu supply hoses and a storage pot 40070

AT4 Electronic Tourniquet
AT4 Electronic Tourniquet with mobile stand c/w cu supply hoses, mains lead and a storage pot 40080

AT4 Main air supply lead 3 metre 7 bar medical air
AT4 Main air supply lead 3 metre 4 bar medical air 696682

Standard features

Dual channel tourniquet system, single or dual channel operation

Colour coded channels, blue red for ease of use from controls to cuff

Independent displays, pre-select and actual cuff pressure readings

Pressure range – 0 to 600mmHg

Automatic LCD timers, with user defined elapsed time alarm

Cuff hooks, mounted either side for ease of storage

Self compensating tourniquet inflation unit

Automatic self diagnostic checks, on start up and throughout use

Additional storage facility

Visual and audible warnings – for battery leaks and calibration

IVRA (Bier’s block) – procedural guidance feature

Positive feel push buttons – inflate/deflate functions

Precision controlled regulators, user friendly simple to use controls

Easy to clean low maintenance

Quick release hosing, for ease of storage

Dimensions

Overall height: 1050mm
Overall width: 345mm
Overall depth: 385mm
Display: 275mm x 195mm
Weight: 17kg
Service and maintenance

All Anetic Aid products are fully supported and it is our policy to work closely with our distributors to ensure each piece of equipment is maintained to the highest standard.