

AT4

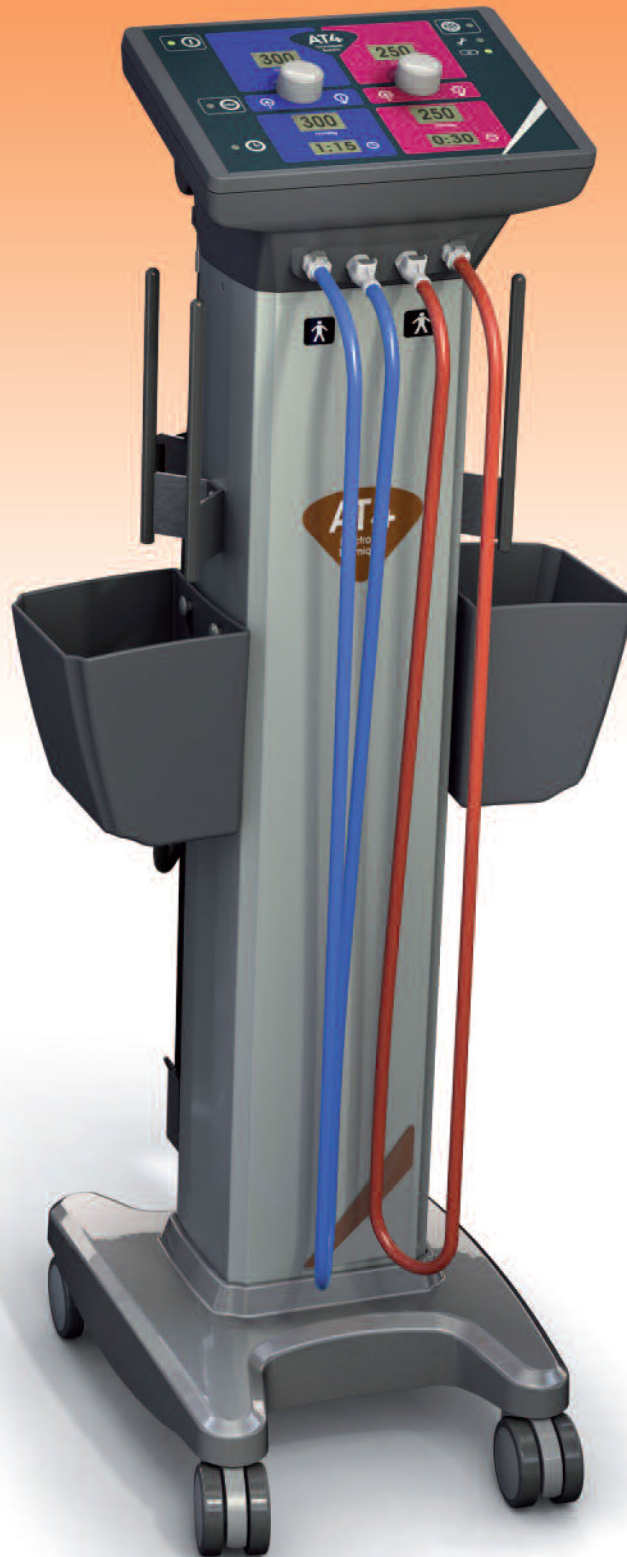
Tourniquet System

Ideal for single or bi-lateral orthopaedic surgery and pain management



AT4

Pneumatic
Tourniquet



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

NEW

NEW

AT4[⚡]
Electronic
Tourniquet



The AT4 Electronic Tourniquet:
A state-of-the-art dual channel electronic
touniquet with integral power supply which requires
no external compressed air supply comes with
mobile stand and cuff supply hoses

Innovative technology – practically applied





The AT4 Tourniquet System is a completely new design which is intuitive and simple to use. Its compact construction is light weight 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 anesthetic into the rest of the patient's body.





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


 AS STANDARD Independent displays
Pre-select and actual cuff
pressure readings

 AS STANDARD Precision controlled regulators
User friendly simple to use controls

 AS STANDARD IVRA (Bier's block)
Procedural guidance feature

 AS STANDARD Automatic LCD timers
With user defined elapsed time alarm

 AS STANDARD Additional storage facility

 AS STANDARD Cuff hooks
For ease of storage



For more information on any of our products or service contracts, call:

1800.499.5370

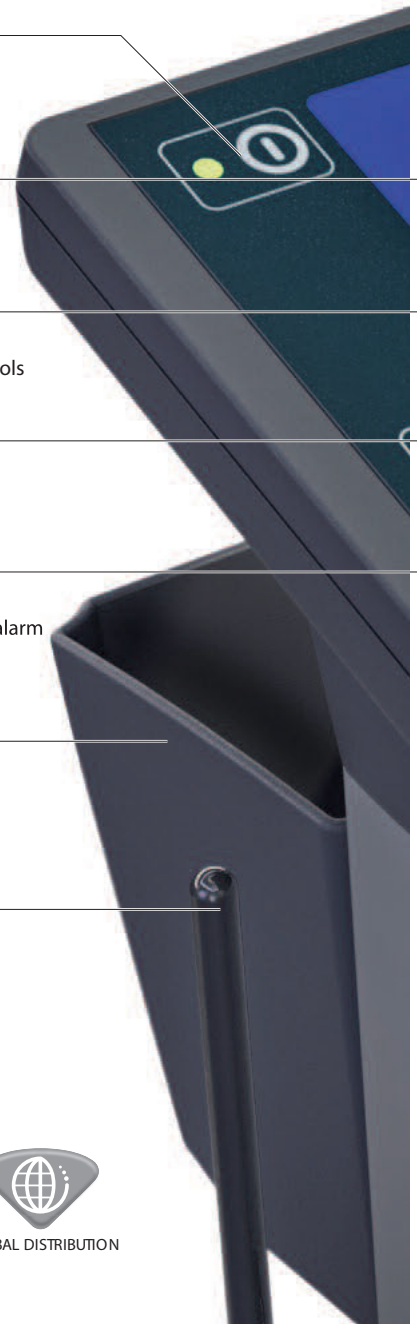
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The AT4 Electronic Tourniquet:

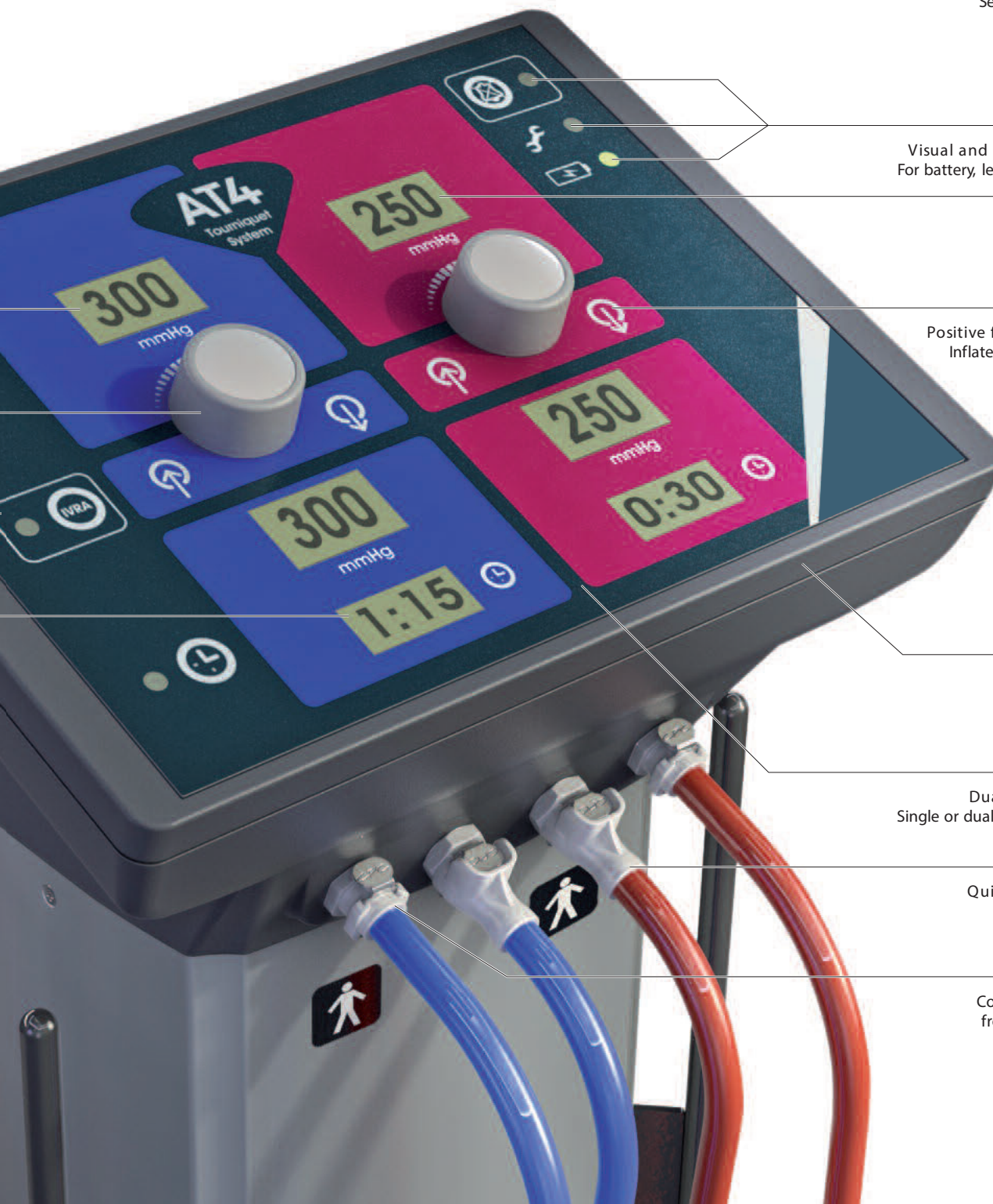
A state-of-the-art dual channel electronic tourniquet with integral power supply which requires no external compressed air supply comes with mobile stand and cuff supply hoses

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



See back cover for optional extras



Visual and audible warnings
For battery, leaks and calibration



Pressure range
0 – 600 mmHg



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



Color coded channels
from controls to cuff



Tourniquet Cuffs and Accessories

DRE also offers a complete range of tourniquet cuffs and other accessories



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 color coded sizes and supplied in boxes of 10.

Six-use Day Cuffs (box of 10) – Straight

| | |
|---------------------------------|-------|
| ● Pediatric (305 x 60mm) | 40285 |
| ● Adult Arm Narrow (460 x 75mm) | 40288 |
| ● Adult Arm (460 x 100mm) | 40290 |
| ● Small Leg Narrow (610 x 75mm) | 40292 |
| ● Small Leg (610 x 100mm) | 40293 |
| ● Adult Leg (860 x 100mm) | 40295 |
| ● XL Adult Leg (1070 x 100mm) | 40296 |

Six-use Day Cuffs (box of 10) – Conical

| | |
|---------------------------------------|-------|
| ● Adult Conical Leg (860 x 100mm) | 40297 |
| ● XL Adult Conical Leg (1070 x 100mm) | 40298 |

Six-use Day Cuffs (box of 10) – Infant

| | |
|------------------------------|-------|
| ● Infant Small (160 x 45mm) | 40281 |
| ● Infant Medium (230 x 45mm) | 40282 |
| ● Infant Large (315 x 45mm) | 40283 |



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, they are available in a variety of color coded sizes from pediatric to extra-large adult leg.

Premier Cuffs Pediatric

| | |
|---------------------------------------|-------|
| ● (305 x 60mm) | 40200 |
| ● Adult Arm (460 x 100mm) | 40220 |
| ● Adult Arm Narrow (460 x 75mm) | 40225 |
| ● Small Leg (610 x 100mm) | 40240 |
| ● Small Leg Narrow (610 x 75mm) | 40245 |
| ● Adult Leg (860 x 100mm) | 40260 |
| ● XL Adult Leg (1070 x 100mm) | 40270 |
| ● XL Adult Conical Leg (1070 x 100mm) | 40278 |

Premier Cuffs – Bier's block

| | |
|---|-------|
| ● Pediatric Double (305 x 120mm) – Bier's block | 40210 |
| ● Adult Arm Double (460 x 150mm) – Bier's block | 40230 |
| ● Large Adult Arm Double (610 x 150mm) – Bier's block | 40250 |



IVRA (Biers block)
Procedural guidance feature

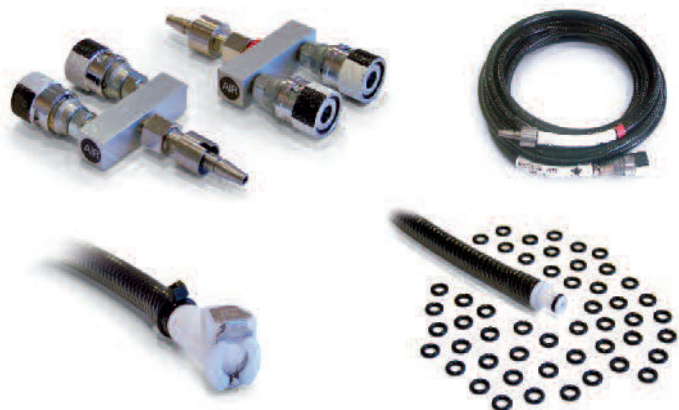




Cuff Covers and Foam Cuff Liners

Cuff Covers and liners are used to protect soft tissue from pinching and shear forces when inflating the tourniquet. 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.

| | |
|---|-------|
| Tourniquet Cuff Cover Small (box of 30) | 40300 |
| Tourniquet Cuff Cover Large (box of 30) | 40310 |
| Foam Cuff Liner (pack of 10) | 40320 |



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 Schraeder | 40520 |
| Extension lead – 5 metre – 7 bar male probe to 7 bar female Schraeder | 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 |

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

| | |
|--|------|
| Infu-Surg Pressure Infuser Bag 500 ml (box of 5) | 4005 |
| Infu-Surg Pressure Infuser Bag 1000ml (box of 5) | 4010 |
| Infu-Surg Pressure Infuser Bag 3000ml (box of 5) | 4030 |



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.

| | |
|---------------------------|----------|
| Rhys Davies exsanguinator | 40400 |
| Esmarch bandage 5.5 metre | L1112-55 |



Toe-niquet™

Toe-niquet™ is a simple, easy to apply, digit tourniquet available in four, highly visible, color 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.

| | |
|---------------------------------|-------|
| Small (pack of 10) – Yellow | 54611 |
| Medium (pack of 10) – Pink | 54612 |
| Large (pack of 10) – Green | 54613 |
| Extra large (pack of 10) – Blue | 54614 |



| ITEM | Cat No |
|---|--------|
| 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 meter 7 bar medical air | 696682 |
| AT4 Main air supply lead 3 meter 4 bar medical air | 696687 |

Standard features

Dual channel tourniquet system, single or dual channel operation
 Color 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 |

Optional extras

| | |
|--|---------------|
| E-size cylinder regulator 4 bar | 40150 |
| E-size cylinder regulator 7 bar | 40160 |
| E-size cylinder bracket kit | 40170 |
| Additional storage facility | 40180 |
| Six-use Day Tourniquet Cuffs | 40281 – 40298 |
| Premier Tourniquet Cuffs | 40200 – 40278 |
| Tourniquet Cuff Cover Small (box of 30) | 40300 |
| Tourniquet Cuff Cover Large (box of 30) | 40310 |
| Foam Cuffliner (pack of 10) | 40320 |
| Rhys Davies Exsanguinator | 40400 |
| Esmarch Bandage | L1112-55 |
| 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 connector – Male & Female (with strip-tie) | 40600 |
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| Safety connector – Male (with strip-tie) | 40620 |
| Strip-tie (pack of 50) | 40630 |
| O-ring washer (pack of 50) | 40640 |
| Toe-niquet small (pack of 10) – Yellow | 54611 |
| Toe-niquet medium (pack of 10) – Pink | 54612 |
| Toe-niquet Large (pack of 10) – Green | 54613 |
| Toe-niquet Extra-large (pack of 10) – Blue | 54614 |
| Infu-Surg pressure infusor bags (box of 5) | 4005 – 4030 |

AT4

Tourniquet System



Service and maintenance offer on all new AT4 Tourniquet System

A comprehensive product servicing and maintenance program is available for all tourniquet equipment. Recognizing the need for rapid response, the company keeps a stock of every component required for this product



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