

YOUR **ALTIUS CVC** RANGE

REDUCE
PATIENT **RISKS**
WITH ALTIUS

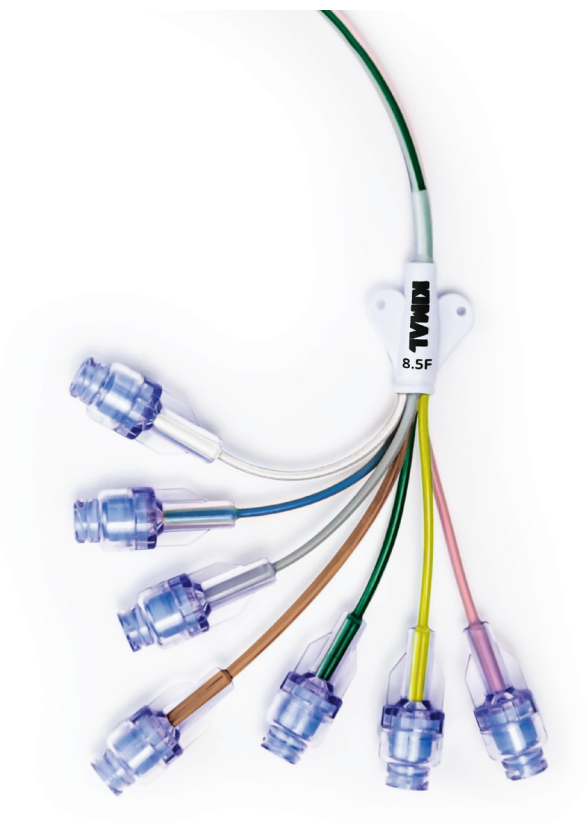


KIMAL

delivering healthcare innovation



Reduce patient risks with Altius



Our range:

		Page:
	Altius® Classic is a traditional CVC range with an insertion kit included.	4
	Altius is a 21st century CVC range designed to reduce patient risks.	6
	Altius ProActiv+™ is a non-eluting, chlorhexidine free antimicrobial CVC which is covalently bonded to protect your patient for the duration of the implantation.	8
	Altius HP is the first CVC with a dedicated line to allow for high pressure contrast media infusions at 300psi with a flow of 10ml/sec.	10
	Altius ProActiv+ HP provides all the benefits of Altius ProActiv+ with a dedicated high pressure line to allow for high pressure contrast media infusions at 300psi with a flow of 10ml/sec.	12
	Altius HF is a unique range of catheters designed to administer fluids at high flow rates.	14
VASPACKS	Support your catheter choice with a procedure pack.	15



Altius Classic is manufactured using our proprietary Multi-Tube™ technology which creates a unique catheter design with perfectly round lumens.

Uniform round lumens provide smooth, laminar flow, allowing for higher flow rates to be achieved than with traditional extruded catheters.

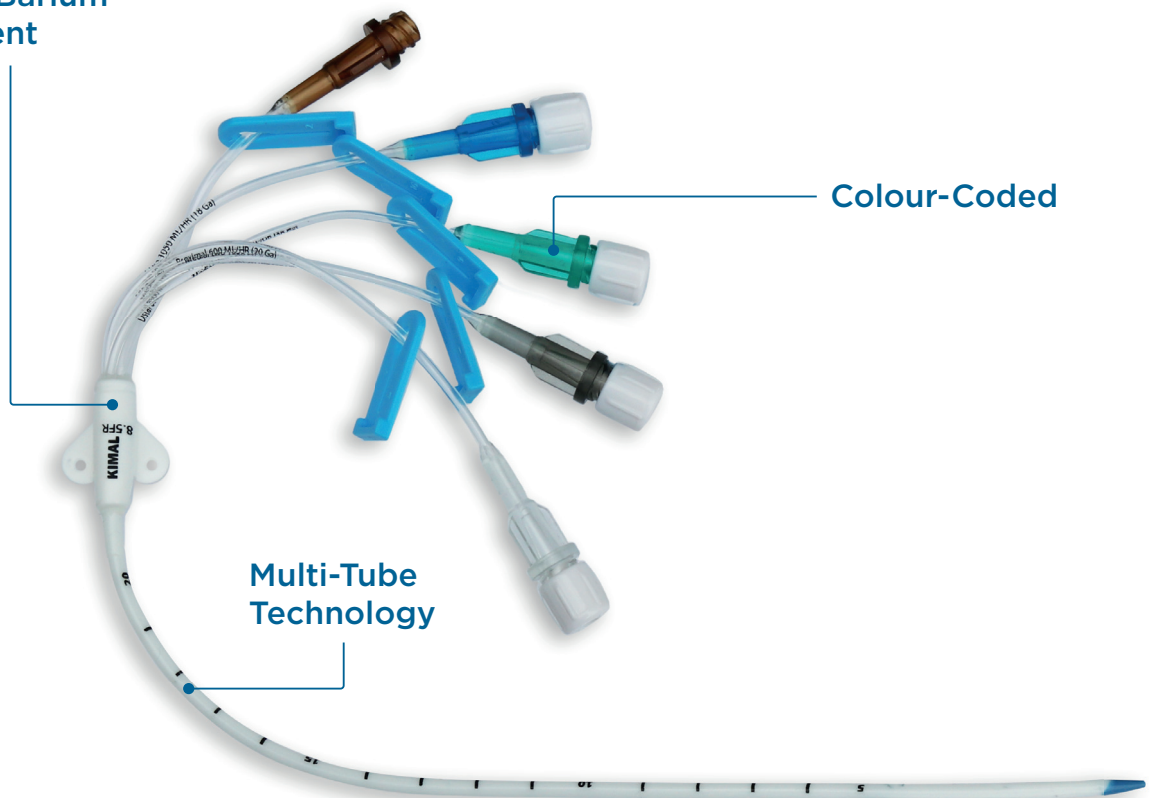
The Range

Adult sizes available in 2 to 5 lumen configurations.



Perfectly round lumens
in **every configuration**

High Barium
Content



Colour-Coded

Multi-Tube
Technology

Why choose Altius Classic?



Multi-Tube Technology

Perfectly round lumens to deliver higher flows. Uniform round lumens provide smooth, laminar flow, allowing for higher flow rates to be achieved than with traditional extruded catheters.



Barium Content

To aid in visualisation during x-ray tip confirmation.

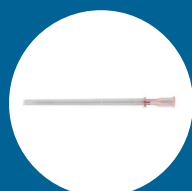


Insertion Kit

Designed to reduce risks during insertion.

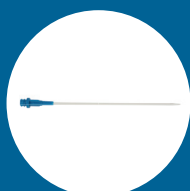
INSERTION KIT

The insertion kit has been designed to reduce risks during insertion.



Echogenic Needle:

Easy visualisation under ultrasound to prevent posterior wall puncture.



Hydrophilic Dilator:

For smooth dilation to prevent vessel trauma.



Altius Guidewire

Dispenser: Ergonomic design to facilitate kink-resistant nitinol guidewire advancement, even with wet gloves.





Altius is a **21st century** CVC designed to reduce patient risks.

Our unique catheter design is based on feedback gathered from healthcare professionals, and brings the first major advancement to CVCs in over 40 years.

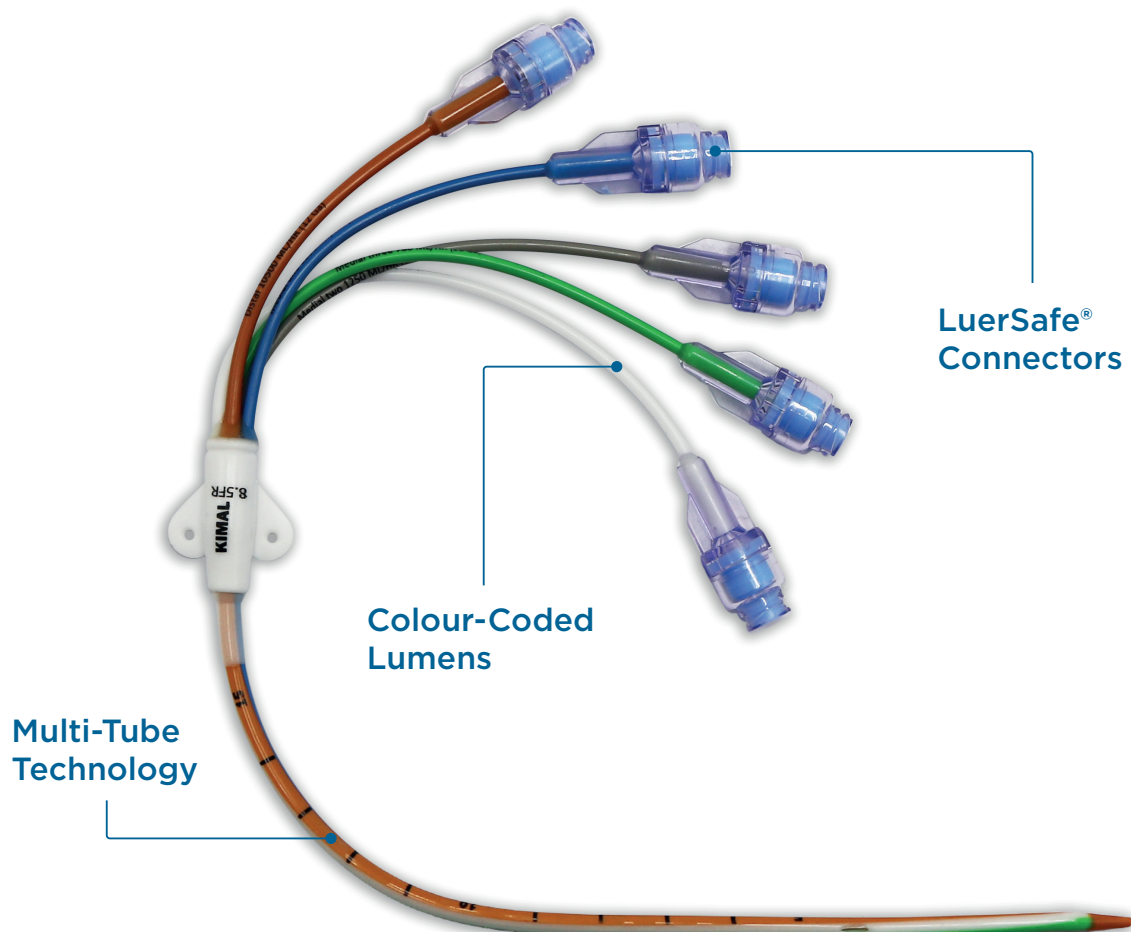
Altius is manufactured at our state of the art facility using our proprietary Multi-Tube technology to achieve perfectly round lumens.

The Range

Adult sizes available in 1 to 5 and 7 lumen configurations.



Perfectly round lumens
in **every configuration**



Why choose Altius?



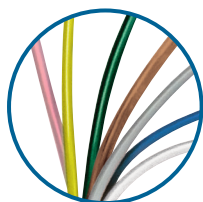
Integrated LuerSafe® Connectors

LuerSafe needleless valves automatically maintain a closed system when not in use - eliminating the need to clamp or unclamp lines, reducing unintended air ingress.



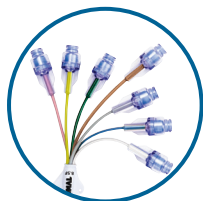
Multi-Tube Technology

Perfectly round lumens to deliver higher flows. Up to 7 lumen and 9 French.



Colour-Coded Lumens

For easy identification when determining which drug is infused through which lumen.

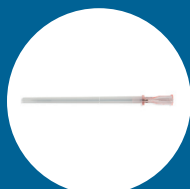


7 Lumen CVC

The first 7 lumen CVC in only 8.5 French. Having 7 lumens reduces the use of stopcocks and extensions, which can lead to delays in medication delivery as well as infusion errors.

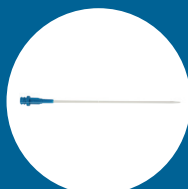
INSERTION KIT

The insertion kit has been designed to reduce risks during insertion.



Echogenic Needle:

Easy visualisation under ultrasound to prevent posterior wall puncture.



Hydrophilic Dilator:

For smooth dilation to prevent vessel trauma.



Altius Guidewire

Dispenser: Ergonomic design to facilitate kink-resistant nitinol guidewire advancement, even with wet gloves.





Altius ProActiv+ is a chlorhexidine free, non-eluting, covalently bonded antimicrobial CVC to protect the patient for the duration of use.

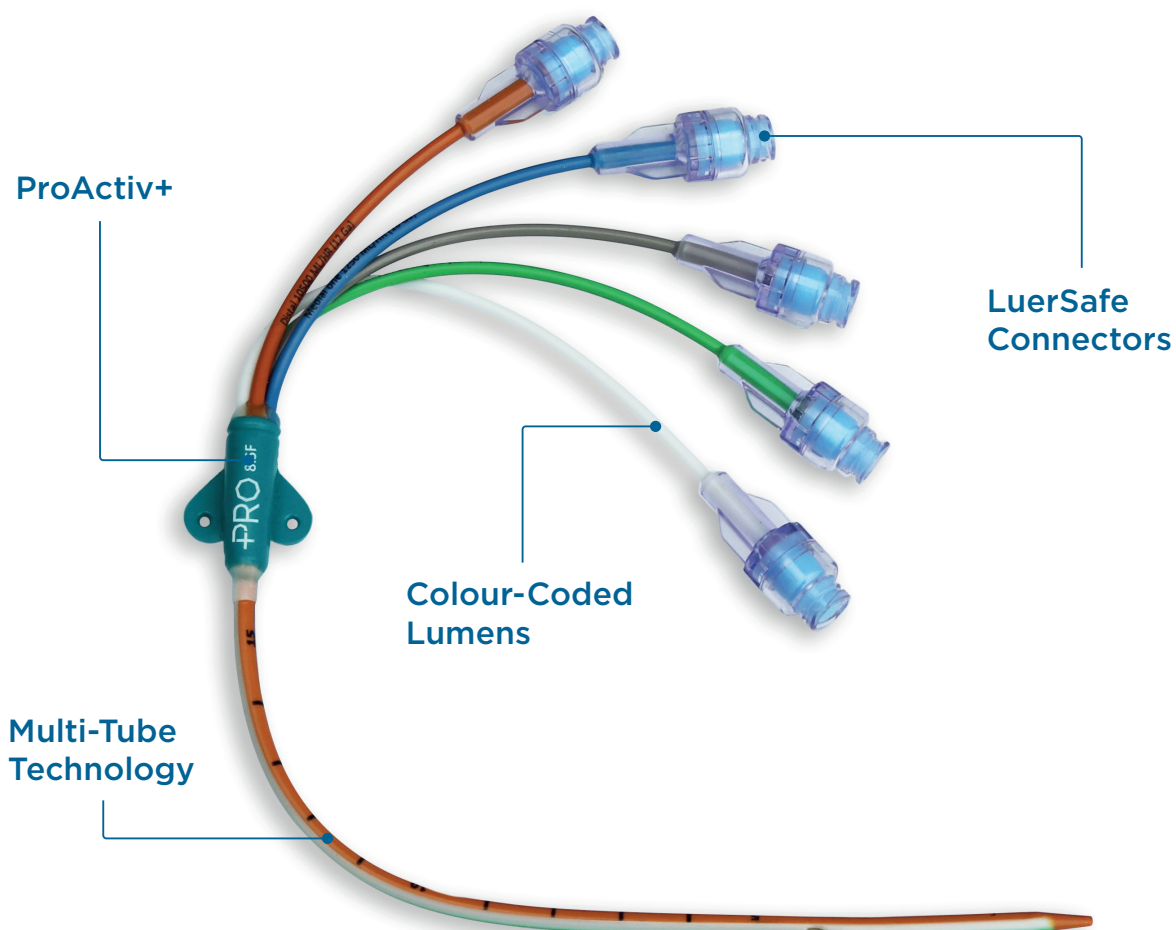
Combining a non-thrombogenic (PEG) with PHMB (an antimicrobial), Altius ProActiv+ provides antimicrobial effectiveness to protect your patient for the duration of use.

The Range

Adult sizes available in 1 to 5 and 7 lumen configurations.



Perfectly round lumens
in **every configuration**



Why choose Altius ProActiv+?



ProActiv+

A chlorhexidine free, non-eluting, covalently bonded antimicrobial to protect your patient for the duration of use.



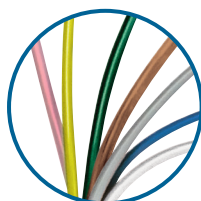
Integrated LuerSafe Connectors

LuerSafe needleless valves automatically maintain a closed system when not in use - eliminating the need to clamp or unclamp lines, reducing unintended air ingress.



Multi-Tube Technology

Perfectly round lumens to deliver higher flows. Up to 7 lumen and 9 French.

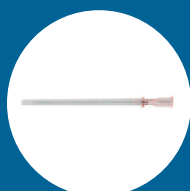


Colour-Coded Lumens

For easy identification when determining which drug is infused through which lumen.

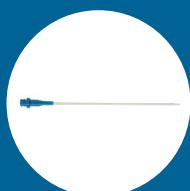
INSERTION KIT

The insertion kit has been designed to reduce risks during insertion.



Echogenic Needle:

Easy visualisation under ultrasound to prevent posterior wall puncture.



Hydrophilic Dilator:

For smooth dilation to prevent vessel trauma.



Altius Guidewire

Dispenser: Ergonomic design to facilitate kink-resistant nitinol guidewire advancement, even with wet gloves.





Altius HP provides all the benefits of Altius with an integrated purple high pressure line to deliver contrast media, reducing the need for additional cannulations in critically ill patients.

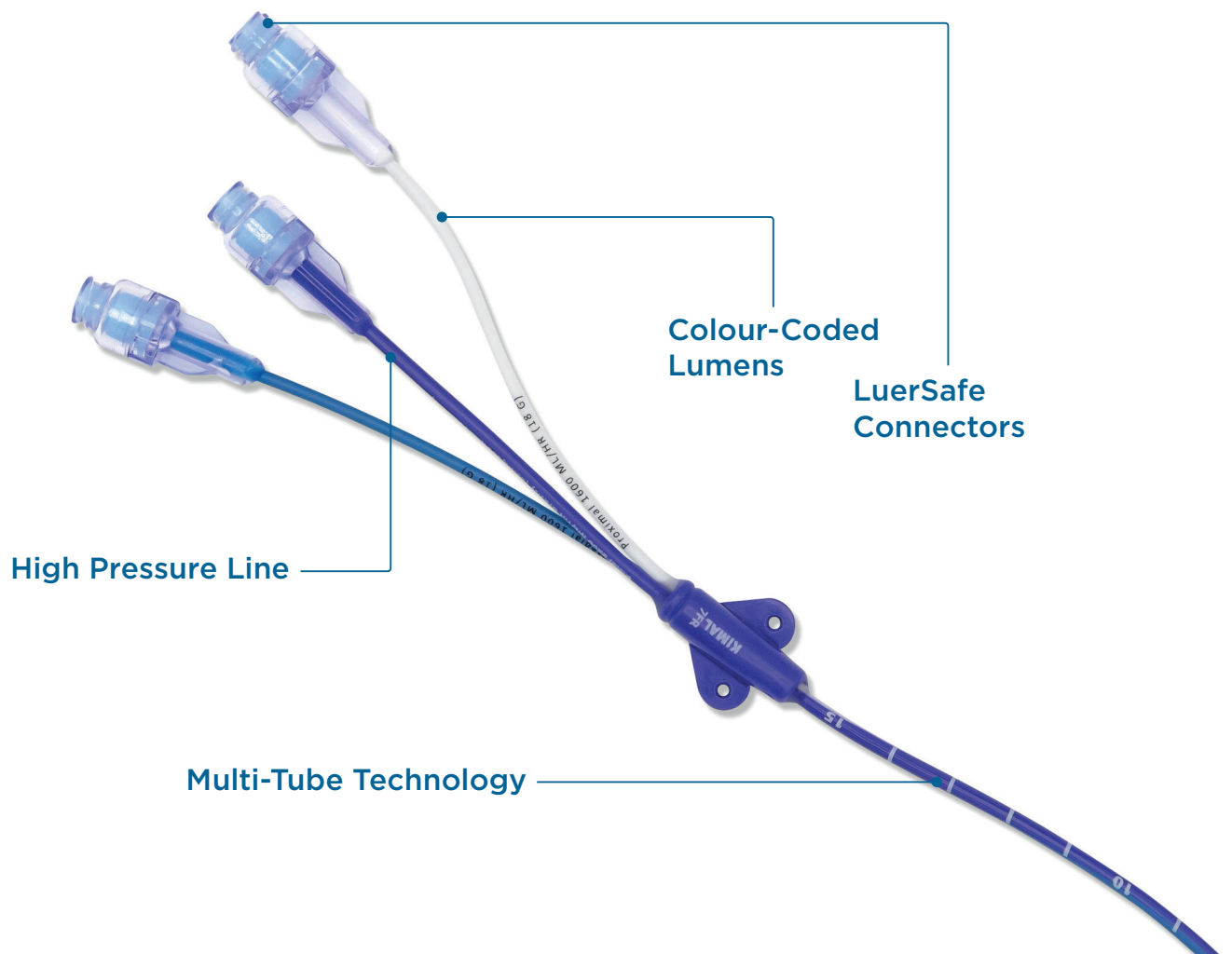
Altius HP's dedicated high pressure line can deliver contrast media infusions at up to 300psi with a flow of 10ml/sec and a viscosity rating of 11.8cP units.

The Range

Adult sizes available in 1 to 5 lumen configurations.



Perfectly round lumens
in **every configuration**



Why choose Altius HP?



Dedicated High Pressure Line

Dedicated line compatible up to 300psi and 10ml/sec.



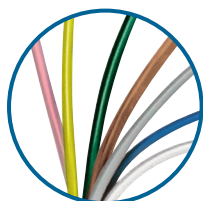
Integrated LuerSafe Connectors

LuerSafe needleless valves automatically maintain a closed system when not in use - eliminating the need to clamp or unclamp lines, reducing unintended air ingress.



Multi-Tube Technology

Perfectly round lumens to deliver higher flows.

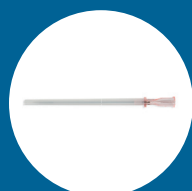


Colour-Coded Lumens

For easy identification when determining which drug is infused through which lumen.

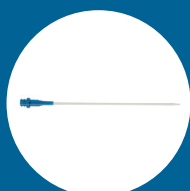
INSERTION KIT

The insertion kit has been designed to reduce risks during insertion.



Echogenic Needle:

Easy visualisation under ultrasound to prevent posterior wall puncture.



Hydrophilic Dilator:

For smooth dilation to prevent vessel trauma.



Altius Guidewire

Dispenser: Ergonomic design to facilitate kink-resistant nitinol guidewire advancement, even with wet gloves.





Altius Proactiv+ HP provides all the benefits of Altius ProActiv+ with an integrated purple high pressure line to deliver contrast media, reducing the need for additional cannulations in critically ill patients.

Combining a non-thrombogenic (PEG) with PHMB (an antimicrobial), Altius ProActiv+ provides antimicrobial effectiveness to protect your patient for the duration of use.

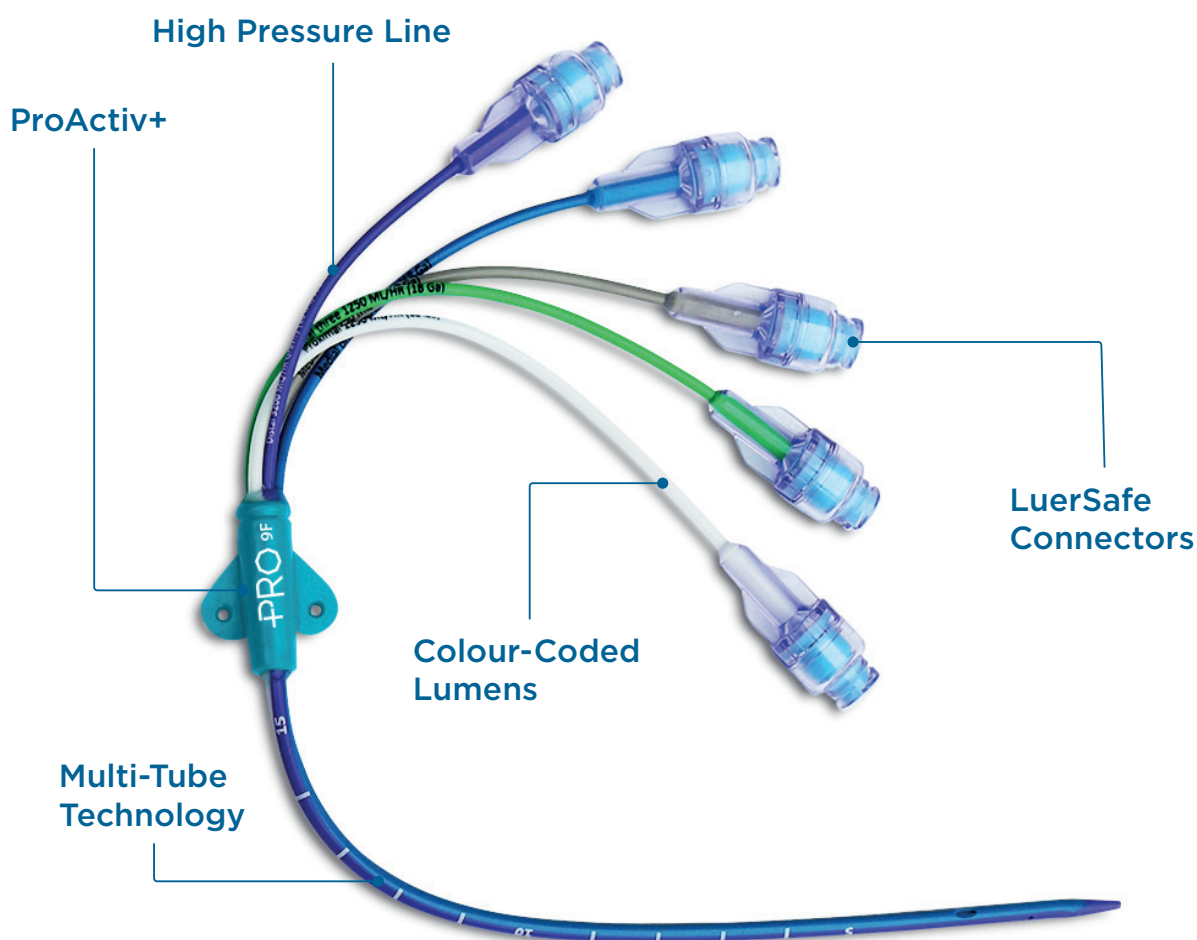
Altius ProActiv+ HP's dedicated high pressure line can deliver contrast media infusions up to 300psi with a flow rate of 10ml/sec and a viscosity rating of 11.8cP units at 37°C.

The Range

Adult sizes available in 1 to 5 lumen configurations.



Perfectly round lumens
in **every configuration**



Why choose Altius Pro HP?



Dedicated High Pressure Line

Dedicated line compatible up to 300psi and 10ml/sec.



ProActiv+

A chlorhexidine free, non-eluting, covalently bonded antimicrobial to protect your patient for duration of use.



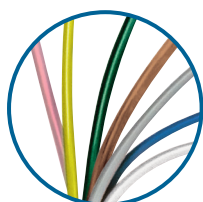
Integrated LuerSafe Connectors

LuerSafe needleless valves automatically maintain a closed system when not in use - eliminating the need to clamp or unclamp lines, reducing unintended air ingress.



Multi-Tube Technology

Perfectly round lumens to deliver higher flows.

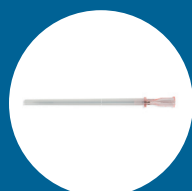


Colour-Coded Lumens

For easy identification when determining which drug is infused through which lumen.

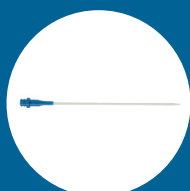
INSERTION KIT

The insertion kit has been designed to reduce risks during insertion.



Echogenic Needle:

Easy visualisation under ultrasound to prevent posterior wall puncture.



Hydrophilic Dilator:

For smooth dilation to prevent vessel trauma.



Altius Guidewire

Dispenser: Ergonomic design to facilitate kink-resistant nitinol guidewire advancement, even with wet gloves.





A unique range of catheters designed to administer fluids at high flow rates.

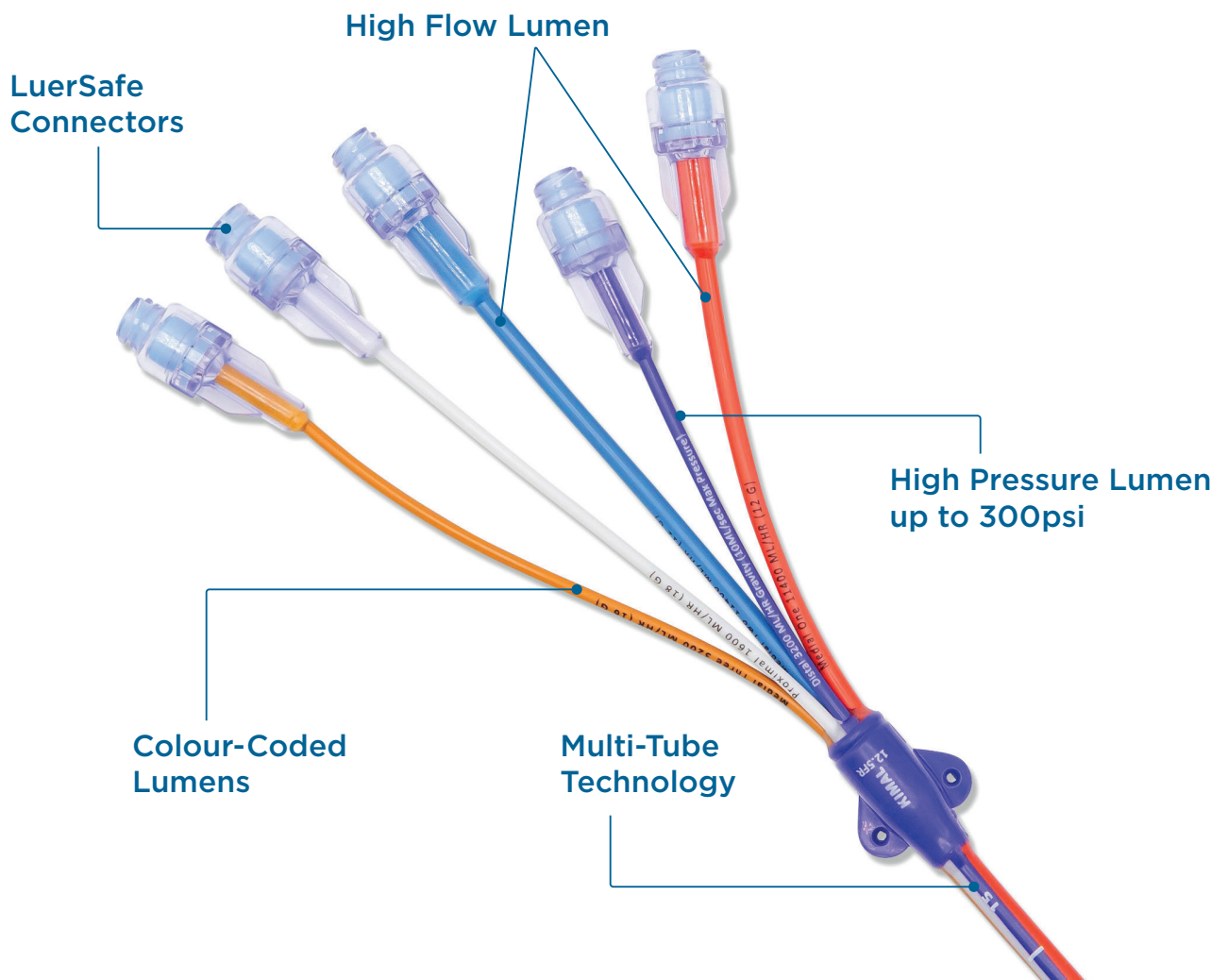
The unique Multi-Tube technology incorporates a large bore lumen, that can deliver high flow rates whilst maintaining all of the benefits of an Altius CVC.

The Range

Adult sizes available in 3 or 5 lumen configurations.



Perfectly round lumens
in **every configuration**



Kimal's range of catheters provide unique features to protect your patients. Combine these innovative catheters with our range of comprehensive procedure packs for a complete procedural solution that can help improve patient safety.

You've chosen the catheter, now support it with the procedure pack. Kimal catheters can be supplied alongside your chosen **Line Insertion Packs** for improved aseptic practice.

Choose your Line Insertion Pack:



**Basic CVC
Insertion Pack**



**Intermediate CVC
Insertion Pack**



**Comprehensive
Insertion Pack**

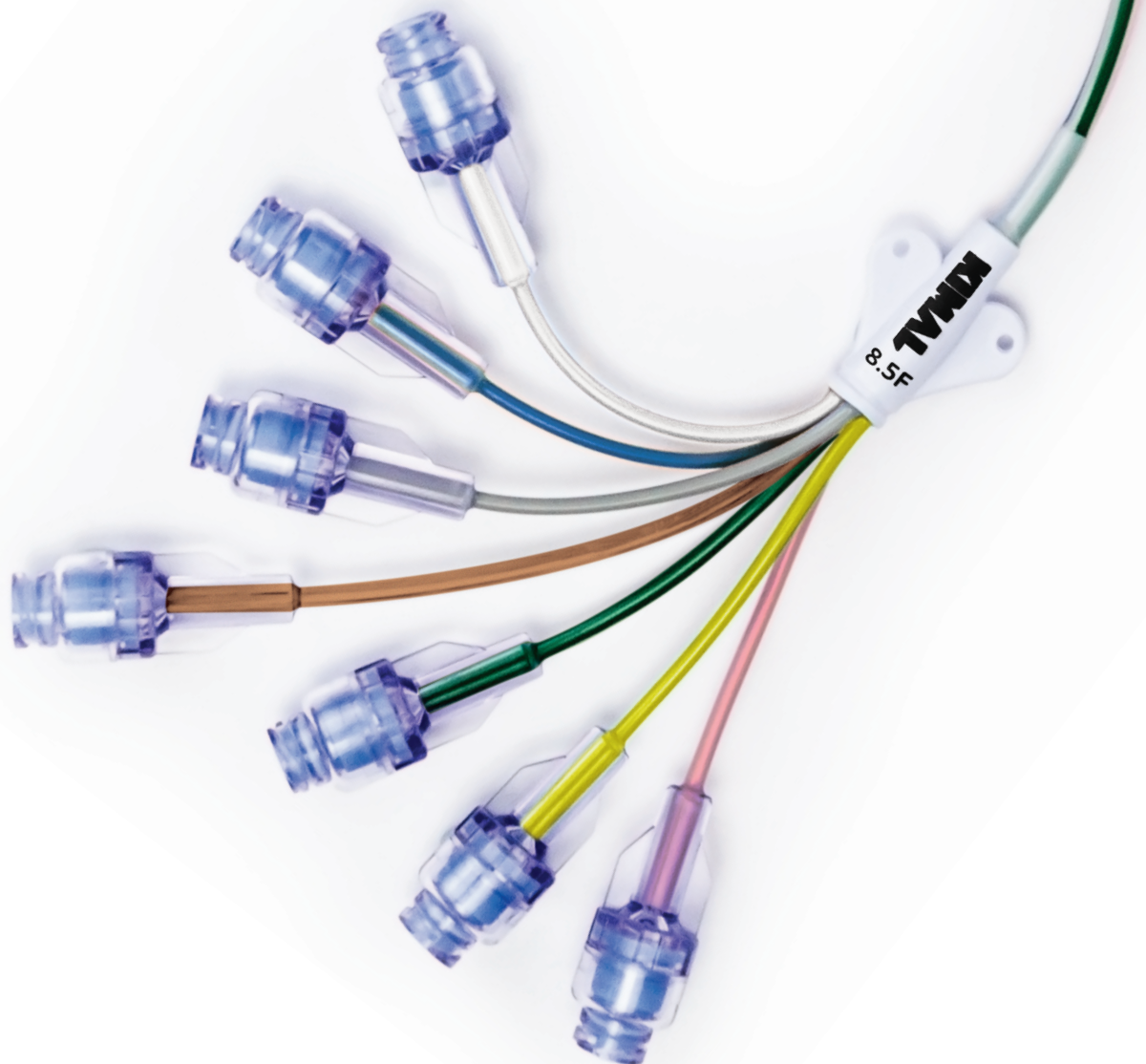
Or customise it to your own specifications:

You can customise your pack to comply with your local IV Policy and best practice insertion guidelines.

Whether that's a maximum barrier length drape, an ultrasound probe cover, or safer sharps, we've got you covered.

Contact your Kimal Representative for more information.





For more information, pricing or samples, speak to your local Kimal Representative, or contact:

UK

Tel: +44 (0)845 437 9542
Email: customercare@kimal.com

INTERNATIONAL

Tel: +44 (0)845 437 9543
Email: internationalenquiries@kimal.com

MIDDLE EAST, ASIA & AFRICA

Tel: +97 16 552 8146
Email: mea@kimal.com

© 2025 Kimal PLC. All rights reserved. No part of this document may be reproduced in any form or by any means without permission in writing from Kimal PLC.

Kimal PLC reserve the right to change the specification of its products at any time.
Kimal PLC, Clayfield Road, Worcester Six Business Park, Worcestershire, WR4 0AE

BRO-155-(7) | JULY 2025

KIMAL
delivering healthcare innovation