

# PACK



# CARDIOLOGY

Our **difference**  
is your **speciality**

**KIMAL**  
delivering healthcare innovation

# PACK + CARDIOLOGY

Our **difference** is your **speciality**

## Your speciality is our priority and we believe in giving you choice

With over 50 years experience of working in Cardiology where expert knowledge and an eye for detail is critical, Kimal understand the individual requirements of a procedure. With 1.5 packs being used every minute somewhere in the world, Kimal have proven to be a long standing and trusted partner to the NHS and hospitals around the globe.

Innovation has been at the heart of everything Kimal has achieved and this has been extended to our Pack+® Service.

Committed to supporting your individual requirements Kimal have a range of high quality procedure packs, drapes and procedure products to support your cardiology procedure.

## Tailoring our expertise to Cardiology

If your needs are more specialised Kimal can work with you to provide solutions tailored to your exact requirements from our range of speciality procedure packs, drapes and speciality products.

1

### PROCEDURE PACKS

Tailored to the requirements of a cardiology procedure the Kimal procedure pack can support you with increasing savings, easing work flow and improving staff productivity.

2

### DRAPES + GOWNS

Developed alongside Clinicians in cardiology with patient safety in mind. Kimal SurgiGuard® drapes and gowns are available in a range of materials and configurations to suit your requirements.

EN13795 compliant materials available as standard.

Available as an off the shelf solution or can be tailored to your exact requirements. Kimal can work with you to develop a bespoke solution from a range of materials and designs.

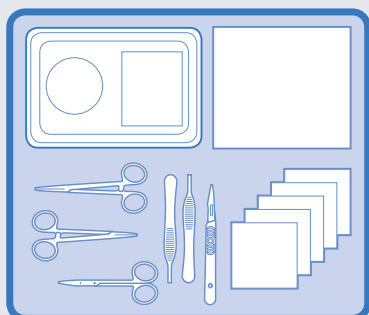
3

### PROCEDURE PRODUCTS

Handpicked to support the individual requirements of your procedure. Kimal have partnered with quality suppliers to deliver a comprehensive range of devices essential to the cardiology procedure.

## SPECIALITY PROCEDURE PACKS

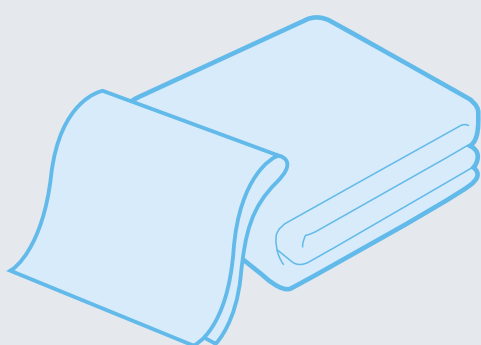
PAGE 4-7



- + Design your customised cardiology pack in real time with a Kimal Clinical Specialist and your colleagues
- + Make decisions quickly with the Kimal Pack+ App
- + Reduce the time it takes to get your pack ready for delivery.

## SPECIALITY DRAPES

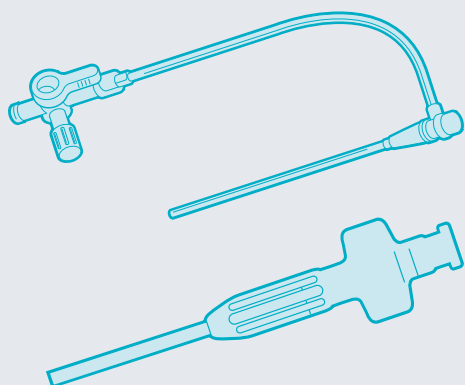
PAGE 8-17



- + A dedicated Clinical Specialist will work with you to develop a customised draping solution
- + Select from a large range of high quality and innovative materials and designs
- + Develop your bespoke solution using specialist CAD design software.

## SPECIALITY PRODUCTS

PAGE 18-31



- + Dedicated to supporting innovation of new and existing products
- + Delivering speciality products to niche areas
- + Key devices developed and selected with the whole cardiology procedure in mind.

# PROCEDURE PACKS



## Supporting your Procedure

**With cost savings and patient care more critical than ever, Kimal can provide a solution which adds real value to quality of care.**

Procedure packs bring together sterile, single use surgical items required for a procedure; delivering improvements in efficiency, traceability, cost savings and reducing the risk of infection.

## It's all in a Pack

Kimal pride themselves on their relationships with customers and suppliers, partnering with quality manufacturers to deliver over 1 million packs every year.

With a trusted reputation for delivering customised procedural solutions, Kimal will work with you to create a specialised pack from over 5,000 individual components including a diverse range of cardiology products and devices.

## The Kimal Difference

To make the process of creating your pack more efficient, Kimal have developed the Pack+ App, which allows you to build a pack in real time with your colleagues and access detailed product information and images.

## Creating a Solution with you

- ✚ 50 years experience in every one of our packs
- ✚ Develop your pack in real time with the Pack+ App
- ✚ Deliver improvements in efficiency, traceability and cost saving
- ✚ Over 5,000 components to choose from.

## CARDIOLOGY ANGIOGRAPHY (K211/4001/10)

### QTY CONTENTS

1	Namic® 2 port manifold
2	Gallipot 120ml
1	Guidewire bowl
4	Syringe, PE 10ml L/S
1	Syringe, PE 5ml L/L
1	Label set
1	Needle 18G x 7cm (70mm) introducer needle
1	Needle 21G x 3.8cm hypo green
1	Needle 23G x 3cm hypo blue

### QTY CONTENTS

1	Scalpel no.11
2	Sponge stick medium 15cm
1	Swab gauze 10 x 10cm, 12ply 10 pack
1	Medium fluoro cover
1	Sharps needle containment device
1	Angio drape, 2 fenestrations, 3ply laminate, no windows, 300cm
1	Equipment cover, PE, 100 x 100cm
1	Bowl 250ml
1	Sponge bowl 500ml



## PERMANENT PACING (K212/4001/10)

### QTY CONTENTS

1	Trolley cover 140 x 140cm
1	Guidewire bowl
1	Deep tray
1	Pacing drape set, single fenestration 12 x 20cm, SMS
4	Swab gauze 10 x 10cm XR 12ply 10 pack
1	Needle 21G x 3.8cm hypo green
1	Needle 23G x 3cm hypo blue
1	Syringe, PE, 5ml, L/S
3	Syringe, PE, 10ml, L/S
1	Syringe, 20ml L/S
1	Scalpel no.10
2	Mosquito artery forceps straight
3	Mosquito artery forceps curved
1	Scissors sharp/blunt 13cm

### QTY CONTENTS

1	Fluoro cover medium
2	Sponge stick 20cm yellow
1	Label set
1	Kimal sharps needle containment device
1	Aneurysm needle
1	Dissecting forceps toothed 14cm
1	Dissecting forceps plain 14cm
1	Needle holder 12.5cm
2	Langenbeck retractor
1	Metzenbaum scissors 13.5cm
1	Iris delicate scissors 11cm
4	Towel clamps
2	Bowl 250ml
1	Kidney bowl 700ml
1	Yellow waste bag





## TEMPORARY PACING (K212/4002)

### QTY CONTENTS

1	Scalpel no.11
2	Syringe, PE 10ml L/S
1	Needle 25G x 5/8" hypo orange
1	Needle 21G x 3.8cm hypo green
2	Sponge stick medium 15cm
1	Gallipot 120ml
1	Opsite dressing 10 x 14cm
1	Swab gauze 10 x 10cm 12ply 10 pack
1	Mersilk® suture 2/0 W791
1	Gown SMS large

### QTY CONTENTS

2	Hand towels
1	Fenestrated drape, 2ply laminate, 110 x 110cm PE clear panel
1	Deep tray 28 x 25cm
1	Trolley cover 140 x 140cm
4	Foam cubes
1	Bi-polar-Bare Pins pacing catheter 5Fr or bi-polar pacing catheter 6Fr
1	Needle 5Fr x 6.35cm peelaway or needle 6Fr x 6.35cm peelaway



# SPECIALITY DRAPE



WITH  
**SURGI**  **GUARD**®  
IT'S ALL ABOUT CHOICE

**Kimal SurgiGuard drapes have been developed alongside Clinicians with patient safety in mind.**

Available in a range of configurations and materials SurgiGuard acts as a defence against bacteria guarding your patient from bacterial migration whatever the procedure.

The SurgiGuard range, with a comprehensive selection of materials and configurations to choose from, includes universal and customised drapes.

A Kimal Clinical Specialist can support you to select the best drape and material configuration for your procedure. If your needs are more specific we will work with you to develop a customised solution; combining expert advice, choice of materials and innovative design software.

- + **Protect you and your patient**
- + **Guard against bacterial migration**
- + **Choice of materials in universal and speciality drapes**
- + **We will develop a bespoke solution with you.**



PE



SMS



3 PLY LAMINATE



2 PLY LAMINATE

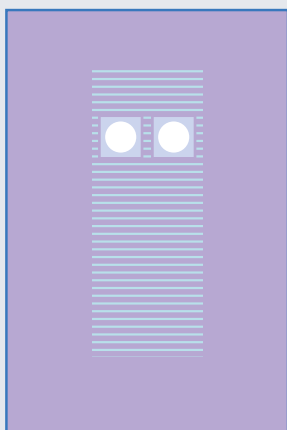


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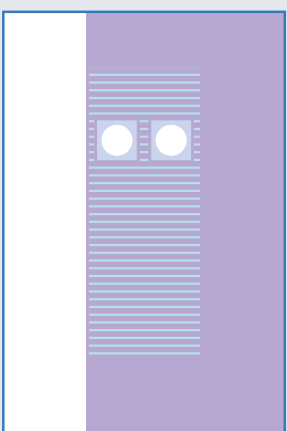


SURGIGUARD BLUE

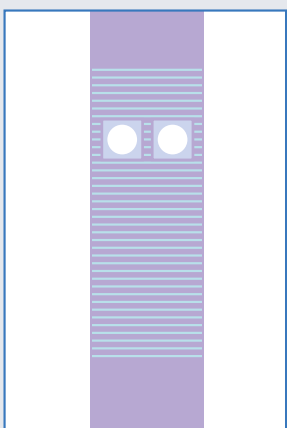




STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/A01	8203002/B	Femoral angiography drape	200 x 300	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm
K62/A02	8203302/B	Femoral angiography drape	200 x 330	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/A03	8213302/B	Femoral angiography drape with 1 window	220 x 330	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/A04	8223302/B	Femoral angiography drape with 2 windows	220 x 330	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm
K62/A06	8223602/B	Femoral angiography drape with 2 windows	220 x 360	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm



VISCOS



AIR LAID



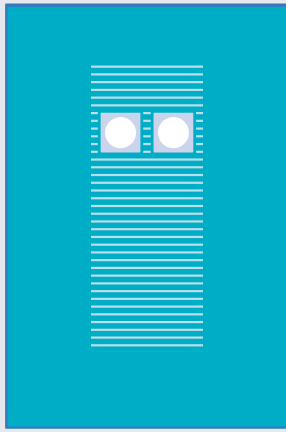
INCISE



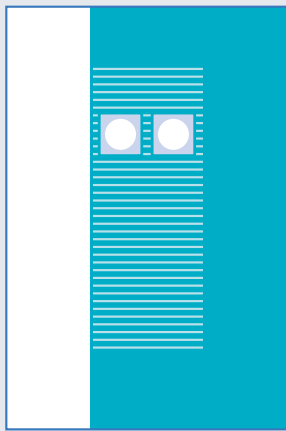
ADHESIVE



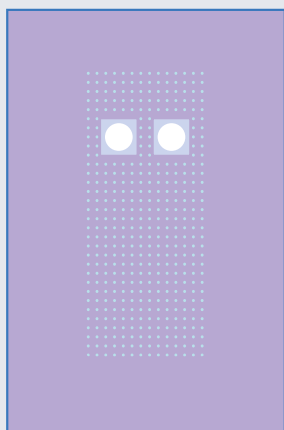
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STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/LA01	8203301	Femoral angiography drape	220 x 330	2 femoral 14cm, partial incise	3ply laminate with absorbent area 80 x 150cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/LA03	8213301	Femoral angiography drape with 1 window	220 x 330	2 femoral 14cm, partial incise	3ply laminate with absorbent area 80 x 150cm



NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
7203302/B	Femoral angiography drape with no windows	200 x 330	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm



PE



SMS



3 PLY LAMINATE



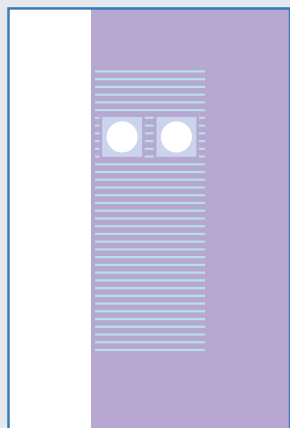
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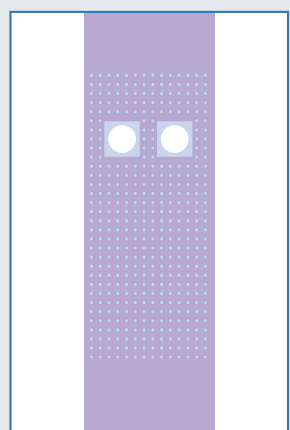
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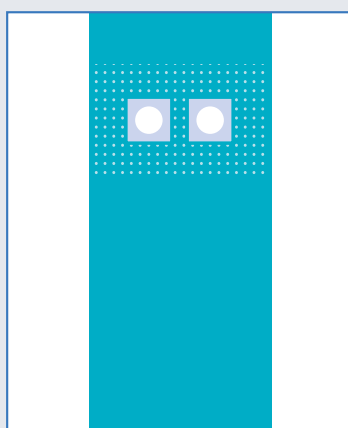
SURGUIGUARD BLUE



NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
7213302/B	Femoral angiography drape with 1 window	220 x 330	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm



NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
7223302/B	Femoral angiography drape with 2 windows	220 x 330	2 femoral 14cm, partial incise	SMS with absorbent area 80 x 150cm



NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
50101106	Femoral angiography drape with 2 windows	250 x 390	2 femoral 12cm, partial incise	3ply laminate with absorbent area 130 x 175cm
50205507	Femoral angiography drape with 2 windows	240 x 325	2 femoral 12cm, partial incise	3ply laminate with absorbent area 75 x 70cm
50205330	Femoral angiography drape with 2 windows & clear bottom panel	240 x 330	2 femoral 12cm, partial incise	3ply laminate with absorbent area 80 x 150cm



VISCOS



AIR LAID



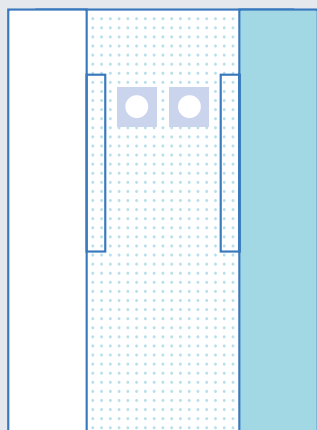
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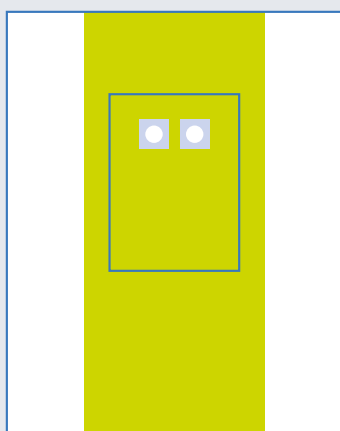
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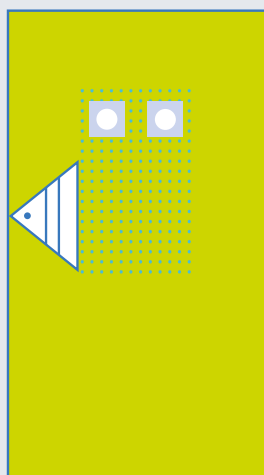
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NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
89054	Femoral angiography drape with 1 window & gutters	190 x 290	2 femoral 12cm, partial incise	Airlaid, gutters 10 x 120cm, 1 clear window & 1 blue PE panel



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
	S501-115	Femoral angiography drape with 2 windows	220 x 365	2 femoral 12cm, partial incise	2ply laminate with absorbent area 65 x 76cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
-	V502-019-08	Femoral angiography neuro drape with fluid collection pouch	200 x 280	2 femoral 12.5cm, partial incise	2ply laminate with absorbent area 66.5 x 120cm



PE



SMS



3 PLY LAMINATE



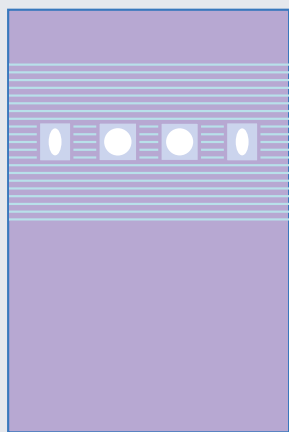
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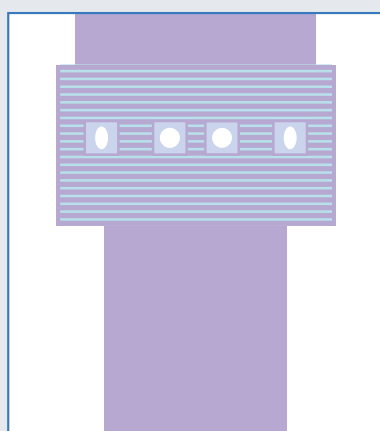
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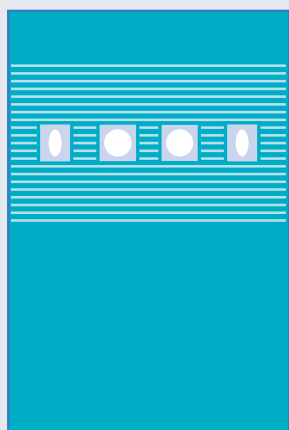
SURGIGUARD BLUE



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/R01	8403302/B	Radial angiography drape	240 x 330	2 femoral 14cm & 2 radial 8 x 12cm, partial incise	SMS with absorbent area 240 x 80cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/R03	8423452/B	Radial angiography drape with 2 windows	240 x 345	2 femoral 14cm & 2 radial 8 x 12cm, partial incise	SMS with absorbent area 150 x 127cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/LAR01	8403301	Radial angiography drape	240 x 330	2 femoral 14cm & 2 radial 8 x 12cm, partial incise	3ply laminate with absorbent area 240 x 80cm



VISCOSE



AIR LAID



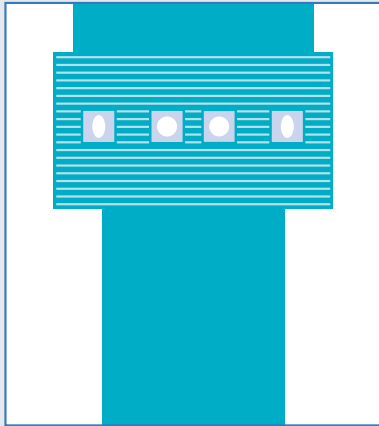
INCISE



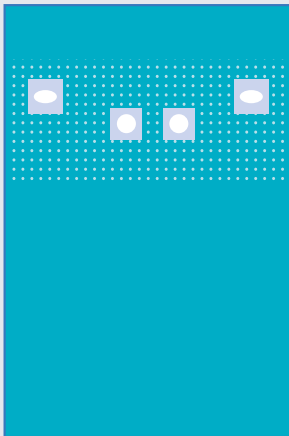
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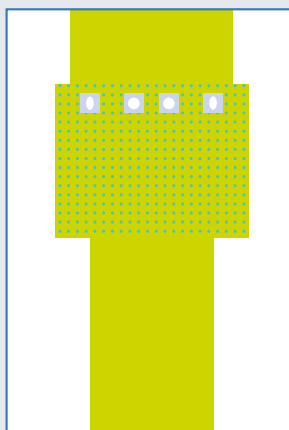
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STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
K62/LAR02	8423451	Radial angiography drape with 2 windows	240 x 345	2 femoral 14cm & 2 radial 8 x 12cm, partial incise	3ply laminate with absorbent area 150 x 127cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
-	50202406	Radial angiography drape	225 x 305	2 femoral 12.5cm & 2 radial 8 x 10cm, partial incise	3 Ply laminate with absorbent area 190 x 96cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
-	50205211	Radial angiography drape with 2 windows	240 x 345	2 femoral 10cm & 2 radial 5 x 8cm, partial incise	2ply laminate with absorbent area 150 x 127cm



PE



SMS



3 PLY LAMINATE



2 PLY LAMINATE

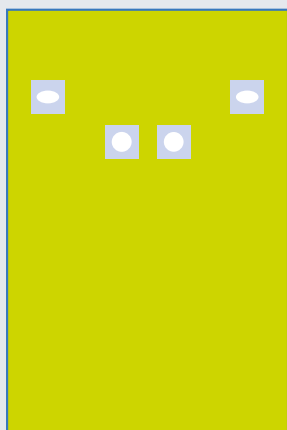


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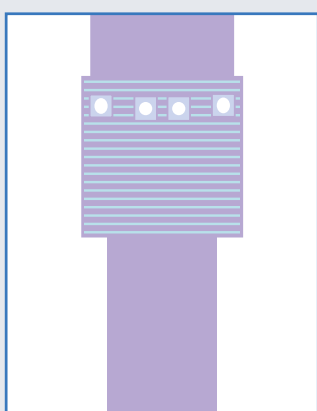


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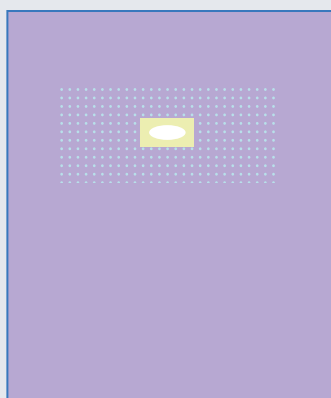




NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
V502-059-08	Radial angiography drape	225 x 305	2 femoral 12.5cm & 2 radial 8 x 10cm, partial incise	2 ply laminate



NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
V502-033-08	Radial angiography drape with 2 windows	240 x 345	2 femoral 14cm & 2 radial 9 x 12cm, partial incise	SMS with absorbent area 155 x 127cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
-	V501-009-06	Pacing drape	200 x 330	1 oval 12 x 20cm, adhesive	SMS with absorbent area 200 x 80cm
-	V501-001-06	Pacing drape	200 x 270	1 oval 12 x 20cm, adhesive	SMS with absorbent area 95 x 80cm
K62/140	V502-052-06	Pacing drape	200 x 270	1 oval 12 x 20cm, full incise	SMS with absorbent area 95 x 80cm



VISCOS



AIR LAID



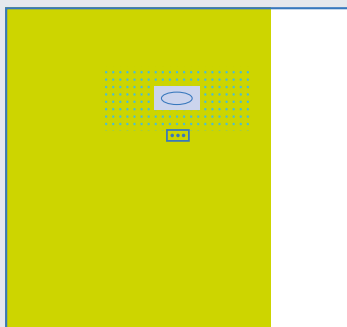
INCISE



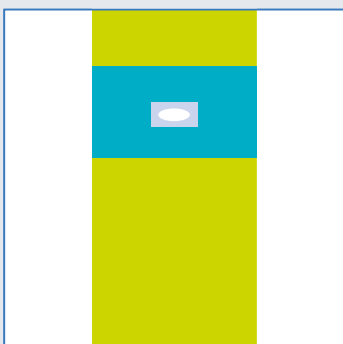
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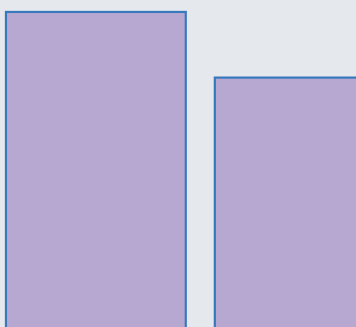
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NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
V502-038-06	Pacing drape with 1 window & tube holders	260 x 270	1 oval 13 x 17cm, full incise	2ply laminate with absorbent area 95 x 75cm



STERILE CODE	NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
-	V502-050-06	Pacing drape with 2 windows	220 x 330	1 oval 12 x 20cm, partial incise	2 ply laminate with absorbent area 75 x 80cm



NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
V104-047-06	Head drape (turban wrap), plain drape & pillow pack	Pillow cover 100 x 150 & head drape (turban wrap) 75 x 90		SMS



PE



SMS



3 PLY LAMINATE



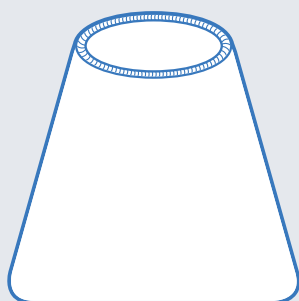
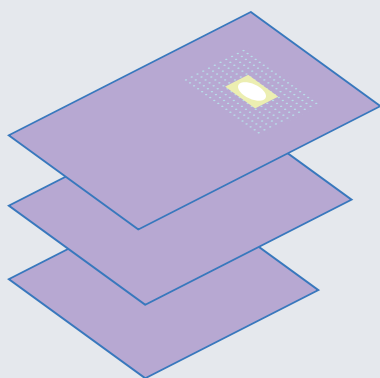
2 PLY LAMINATE



CLEAR PE



SURGIGUARD BLUE



NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	FEN	MATERIAL
P504-004	Pacing drape, head drape & pillow drape	200 x 270	1 oval 12 x 20cm, adhesive	SMS with absorbent area 95 x 80cm

NON-STERILE CODE	DESCRIPTION	SIZE (W x L CM)	MATERIAL
8250	Banded bag	70 x 30 (relaxed width 20)	Clear PE
8263	Banded bag	75 x 108 (relaxed width 22)	Clear PE
8251	Banded bag	76 x 76 (relaxed width 26)	Clear PE
8109	Banded bag	92 x 73 (relaxed width 25)	Clear PE
8249	Banded bag	100 x 150 (relaxed width 25)	Clear PE
8281	Banded bag	115 x 75 (relaxed width 29)	Clear PE
8252	Banded bag with positioning tape	76 x 91 (relaxed width 19)	Clear PE
8257	Banded bag with positioning tape	101 x 76 (relaxed width 19)	Clear PE
8115/Elastic	Equipment cover elasticated	140 x 90 (relaxed width 35)	Clear PE



VISCOSE



AIR LAID



INCISE



ADHESIVE



PAPER

# SPECIALITY PRODUCTS



## A Complete Procedural Solution

**Kimal's comprehensive range of speciality products from introducer needles to interventional guidewires have been developed alongside Clinicians with your procedural requirements in mind.**

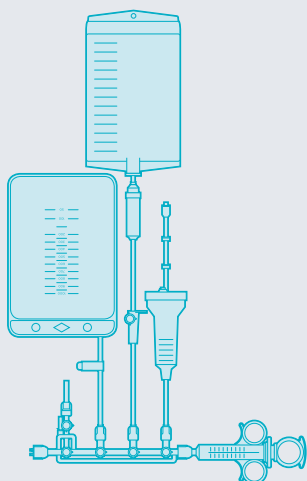
Dedicated to delivering innovation, Kimal have developed a core range of cardiology procedure products over their 50 year history. Working alongside Clinicians to understand the challenges of a cardiology procedure, Kimal have designed and developed a range of high quality devices to meet these needs.

In addition to developing a core range, Kimal have also partnered with key manufacturers; delivering essential and innovative products to support Cardiology.

- + 50 years experience in Cardiology**
- + Dedicated to supporting innovation of new and existing products**
- + Delivering speciality products to niche areas**
- + Key devices developed and selected with the whole Cardiology procedure in mind.**

## FLUID MANAGEMENT

PAGE 20-21



### MANIFOLDS

Manage the flow of contrast and waste

### SYRINGES

A range of polycarbonate syringes to support the injection of contrast

### LINES AND STOPCOCKS

A range of connecting lines and stopcocks for pressure management and fluid delivery

### CONTRAST MANAGEMENT SYSTEM

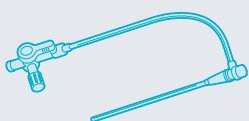
Reduce contrast waste with the Squeeze™ Contrast Management System

### CLOSED FLUID SYSTEM

Create a safe and effective closed fluid system with the Protection Station® and Protection Station Plus

## ANGIOGATE™

PAGE 22-23

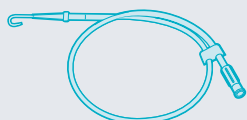


### INTRODUCER NEEDLES AND SHEATHS

A range of introducer needles, sheaths and peelaways to support cardiology procedures

## ANGIOFLEX™

PAGE 24-25



### DIAGNOSTIC GUIDEWIRES

An extensive range of diagnostic guidewires to support cardiology procedures

## POINTER™

PAGE 26-27



### DIAGNOSTIC CATHETERS

A range of diagnostic catheters provide superior flow rate and excellent visibility in diagnostic procedures

## INTERFLEX™

PAGE 28-29

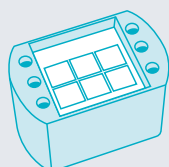


### INTERVENTIONAL GUIDEWIRES

A specially designed range of Interventional Guidewires to support PCI procedures

## SOLLUTION™ SAFETY PRODUCTS

PAGE 30



### GUIDEWIRE BOWL

Safely prepare and store guidewires during a procedure

### NEEDLE CONTAINMENT DEVICE

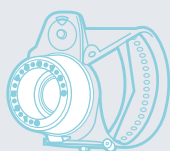
Contain needles safely when they are not in use

### FLUID COLLECTION DEVICE

Safe waste fluid disposal

## SEAL-ONE® RADIAL COMPRESSION DEVICE

PAGE 31



### RADIAL COMPRESSION DEVICE

Create reliable haemostasis quickly with the radial compression device

## FLUID MANAGEMENT

A range of high quality fluid management products which are available as sterile off-the-shelf solutions, or can be included as part of a Kimal cardiology procedure pack. Kimal's range of fluid management products for cardiology can be combined to create an efficient closed system which monitors the pressure during an endovascular procedure and works to manage saline, contrast and waste fluids safely.

Kimal are proud to be the UK and Ireland sole distributor for the Namic™ range of fluid management solutions.

**Kimal's core fluid management portfolio covers the key products required to support both contrast delivery and fluid management.**



### MANIFOLDS

Manage the flow of contrast, saline and waste with Kimal Namic Manifold System.

Offered exclusively by Kimal in the UK and Ireland, the manifold is a core component of an angiography procedure.

Available in a variety of configurations including low, medium and high pressure. The Kimal Namic manifolds are available sterile or can be included along with the other components required to support a cardiology procedure in a Kimal procedure pack.

#### FEATURES AND BENEFITS

- **Provide access to saline, contrast and pressure monitoring**
- **Compensator and preceptor manifolds**  
Include a built in transducer, which provides a clear signal to the monitor and can be controlled by the operator
- **Reduced number of stopcock turns**
- **Simplifies set up and easy to use.**



### SYRINGES

Kimal's core range of Namic syringes play an essential role in the angiography procedure through the injection of contrast.

#### FEATURES AND BENEFITS

- **Clear polycarbonate design**  
Allows easy visualisation of air bubbles
- **Visibly larger lumens**  
Provides unsurpassed flow rates for faster fluid delivery
- **Patented swaged rotating adaptor**  
Minimises air bubble entrapment and provides strength and flexibility to support a catheter connection.





## LINES AND STOPCOCKS

The core components required to support continuous pressure monitoring, saline delivery and contrast access; Kimal offer an extensive range of cardiology connecting lines and additional stopcocks to ensure you have the solution available to fit the needs of your procedure.

A full range of stopcocks are available to support kit configurations.



## CONTRAST MANAGEMENT SYSTEM THE SQUEEZE CONTRAST CONTROLLER

Used for the purpose of connecting fluids via the line to the manifold for use during the procedure. The Squeeze Contrast Controller is a clinically safe way to reduce contrast waste and your budget. Its unique configuration lets you use one container of contrast on multiple patient cases, whilst its proven microbial barrier prevents cross contamination.

### FEATURES AND BENEFITS

- **Two-check valve assembly**  
Prevents contamination of contrast and supports contrast saving with the option to use one bottle of contrast for multiple patient cases
- **Safety Air Filter**  
Prevents particulate airborne contamination of contrast
- **Fast filling**  
Flexible chamber with unique de-bubbling dish supports quick aspiration of contrast from source.



## CLOSED FLUID SYSTEM THE PROTECTION STATION

The Kimal Namic Protection Station provides a closed fluid system which helps to prevent the transmission of blood borne pathogens.

Available in a number of configurations, the Protection Station and the Protection Station Plus support OSHA guidelines which state that "all procedures involving blood or other potentially infectious materials shall be performed in such a manner as to minimise splashing, spraying, splattering and the generation of droplets of these substances".

### FEATURES AND BENEFITS

- **Easy to use**  
Simple to set up, connect the saline and prime the system
- **Staff Protection**  
Prevents the risk of unnecessary spillages. The Protection Station provides a completely closed system and prevents waste materials interacting with staff
- **Supports Catheter Flushing**  
Option to connect to a catheter to support flushing during a procedure.

## Reliable access when you need it

Achieve consistent access every time with Kimal AngioGATE. An extensive range of introducer needles, sheaths and kits to support diagnostic procedures.

- Introducer Needles
- Haemostatic Valve Sheaths
- Transradial Access
- Paediatric Sheaths
- Peelaways
- Micro Access

Available in a comprehensive range of sizes and configurations, Kimal AngioGATE equips you with a reliable solution to support the access requirements of your procedure.

For full procedural solutions, the Kimal procedure pack will compliment your access device of choice. Created specifically to meet the demands of your procedure, Kimal can support you from initial setup through to completion.

## Smooth Insertion, Reliable Performance

The comfortable and lightweight design of AngioGATE HV Introducer Sheath combined with the gradual tapered tip and intricate positioning of the valve, provides a smooth, atraumatic insertion and dependable performance during the most demanding procedures.



**Haemostatic Valve Introducer Sheaths and Kits**



**Radial Access Introducer Sheaths and Kits** \*Also available with hydrophilic coating



**Paediatric Introducer Kits**



**Micro Access Introducer Kits**



**Peelaway Sheaths**



**MicroIntroducers**



**Vessel Dilators**

### Dual tapered design

Precision made dilator and sheath introducer provides a smooth transition between components – limits trauma to the surrounding tissue

### Unique proprietary polymer construction

Provides a smooth sheath and dilator for an easier insertion

### Audible click of the “push-in, flex-out” connection

Support simple assembly and separation

### Colour coded Hub

Easy identification of correct sizing

### Suture ring on hub

Convenient for securing the sheath in multi-stage procedures

### Intricately positioned valve

Offers reliable haemostasis whilst supporting catheter manipulation

### Optional Radiopaque Band

Provides clear positioning under fluoroscopy

## FEATURES & BENEFITS



Reliable



Ease of Insertion



Convenient

## ACCESS & SIZES

Introducer sheaths available in

4 5 6 7 8 9

Peelaway sheaths available in

5 6 7 8 9 10 10.5 11 12.5 13 15 16



Transradial



Femoral

Achieve reliable access every time with Kimal AngioFLEX, a comprehensive range of diagnostic guidewires.

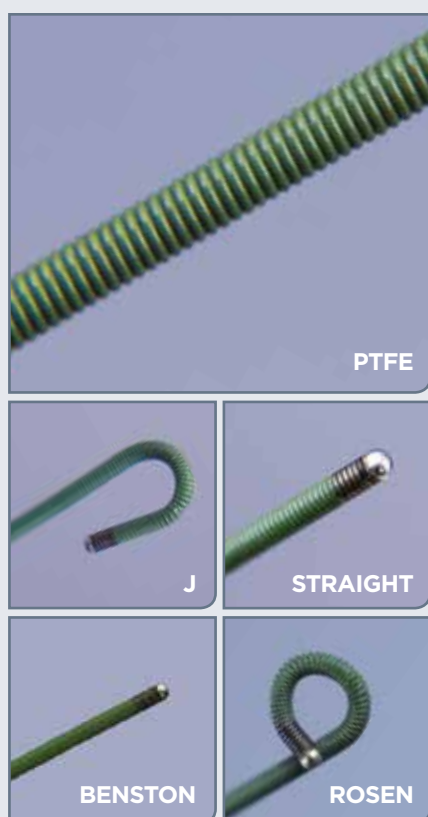
Developed alongside Cardiologists, they have been designed with patient differences in mind.

## A Smooth Transition and Reliable Access

Kimal diagnostic guidewires are available in a number of configurations including stainless steel, PTFE pre-coat and hydrophilic.

- Hydrophilic
- PTFE
- Stainless Steel

Developed to compliment minimally invasive cardiology and radiology procedures, they are available in a wide range of sizes and deliver consistent performance across a multitude of vascular procedures.



## ANGIOFLEX PTFE

Designed for vascular and general access, the AngioFLEX pre-coated PTFE diagnostic guidewire facilitates the introduction and placement of diagnostic devices.

Combining ease of navigation with important safety features, the AngioFLEX PTFE presents a durable and safe solution for any procedure. Incorporating a stainless steel core and coil construction, a safety ribbon is welded to both ends, ensuring that the wire remains intact in any eventuality.

The innovative pre-coat process, ensures that the outer coating is durable and lubricious for ease of insertion and consistency throughout multiple catheter exchanges.

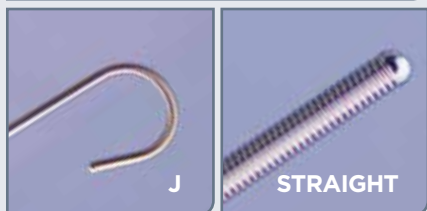
Available in a range of J-tips, fixed core, moveable core and heavy duty options.

## FEATURES AND BENEFITS

- **Lubricious PTFE pre-coat**  
Supports ease of access with reduced friction
- **Durable coating**  
Enables consistent guidewire to catheter interfaces throughout multiple catheter exchanges
- **Finger-straightenable J tip**  
Provides clinical convenience for multiple wire insertions
- **Wide range of sizes and configurations**  
Clinical versatility
- **Enhanced manoeuvrability**  
For ease of use



STAINLESS STEEL



J

STRAIGHT

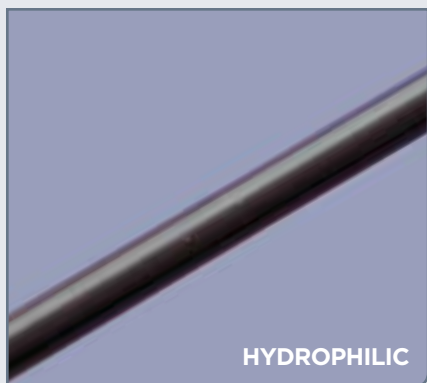
## ANGIOFLEX STAINLESS STEEL

Designed to provide access for a variety of percutaneous vessel approaches, the AngioFLEX stainless steel guidewire offers further choice with enhanced kink resistance and an improved guidewire to catheter interface.

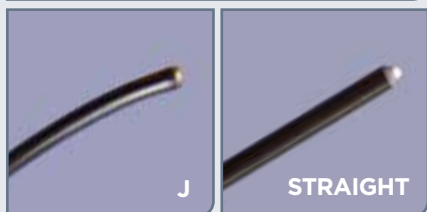
Incorporating a stainless steel core and coil construction, AngioFLEX Stainless Steel is available in a range of sizes and configurations including straight, J-tip and double ended.

### FEATURES AND BENEFITS

- **Kink resistance**  
Assists with guidewire positioning and withdrawal through sheath or catheter
- **Wire-to-wire consistency**  
Supports reliable performance and catheter interaction
- **Range of sizes**  
Clinical versatility



HYDROPHILIC



J

STRAIGHT

## ANGIOFLEX HYDROPHILIC

AngioFLEX Hydrophilic combines a strong nitinol core with a polyurethane jacket and sleek hydrophilic coating for consistent hydration performance and manoeuvrability through tortuous anatomies.

Featuring a tungsten radiopaque filler, the AngioFLEX Hydrophilic offers enhanced visibility as it navigates through vessels, crossing lesions.

Available in angled, straight and stiff configurations for greater choice and flexibility.

### FEATURES AND BENEFITS

- **Lubricious hydrophilic coating**  
Ease of access through tortuous anatomy
- **Hydro-durability**  
Assists with multiple insertions and withdrawals without replacing the wire
- **Radiopaque visibility**  
Supports faster and more accurate positioning under fluoroscopy
- **Excellent torque response**  
Ease of navigation and lesion crossability
- **Controlled outer-diameter**  
Ensures guidewire to catheter interface
- **Kink-resistant nitinol core**  
Assists with guidewire positioning and withdrawal through sheath or catheter.

### ACCESS & SIZES

Available in 0.018", 0.025", 0.032", 0.035", 0.038"



Transradial



Femoral

# POINTER™

## Precise tip placement with flexibility and control

Gain access comfortably with Kimal Pointer™. Designed for smooth vessel engagement, Pointer diagnostic catheters are available in a range of sizes and tip shapes to support cannulation of the LCA and RCA. Some features include:

- Tip whip behaviour
- Tip radiopacity
- Ease of contrast injection
- Kink resistance

Engineered to support vessel engagement through some of the most tortuous anatomies, Pointer combines excellent torque control, kink resistance and pushability.

## Optimal Control for Precise placement

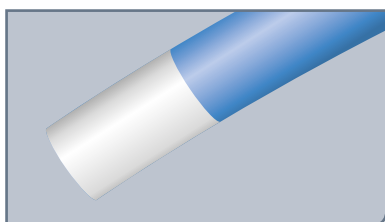
Pointer catheters have been constructed to produce enhanced steering with pushability, large inner lumens for increased flow and an enhanced surface for superior smoothness and flexibility.

Available in a range of configurations and tip shapes, to support the individual needs of your patient.

Pointer is a multilayer tube with a double wire stainless steel braiding for improved steerability. The tip is constructed out of soft a-traumatic material to prevent vessel trauma. The hub has a grip section for optimal torque control.

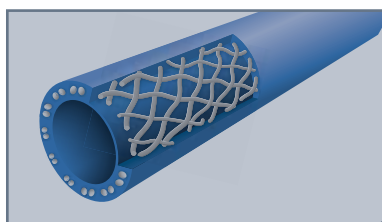
- Basecoat – Nylon and Pebax®. Nylon for strength and Pebax for flexibility
- Braiding – Inner layer consists of a flat wire stainless steel braiding
- Topcoat – Nylon and Pebax. Pebax for superior surface smoothness and flexibility.

## FEATURES & BENEFITS



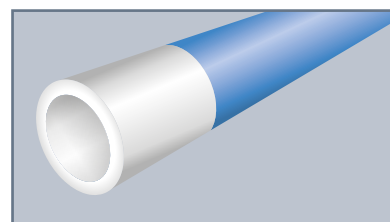
### Ease of Use

The soft atraumatic tip and superior surface smoothness of the Pointer catheter maintains an even insertion, leading to a reduced occurrence in vessel spasm, providing a quick and reliable vessel access.



### Reliable

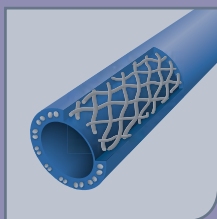
The double wire stainless steel braiding supports 1:1 torque response, which combined with the specially designed ergonomic hub, prevents “whip back” and enhances pushability.



### Excellent visibility

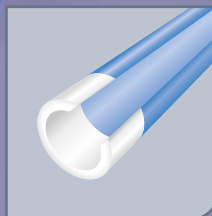
The large inner lumen provides a consistent flow of contrast and superior flow rate which combined with the radio-opaque tip, ensures consistent visibility throughout the diagnostic procedure.





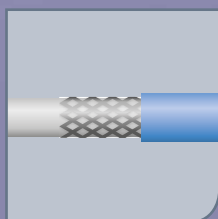
**Double wire stainless steel braiding**

The braided construction allows 1:1 torque control and enhanced push ability whilst maintaining kink resistance



**Soft Tip**

The distal tip of the catheter is left un-braided and constructed from a radio-opaque soft material. This supports an atraumatic, smooth passage which minimises the risk of catheter induced complications



**Proprietary Nylon Material**

Provides high levels of flexibility, superior surface smoothness and excellent torque control

**Ergonomic Hub**

incorporates a specially designed torque device which supports comfortable handling and optimal torque control



Transradial



Femoral



Achieve reliable access every time with Kimal InterFLEX™, a range of interventional guidewires.

Taking experience from AngioFLEX, the Interventional guidewire range has been developed with experts in the field to deliver an Interventional portfolio which will support the needs of your procedure.

### InterFLEX Interventional Guidewires with MicroRidge Technology

Incorporating a single piece stainless steel core and MicroRidge technology, Kimal InterFLEX improves vessel access in tortuous segments whilst addressing hand fatigue.

The range of wires offers a solution for all types of lesion, whether it is for a straightforward coronary lesion, CTO or SFA. InterFLEX includes a guidewire for your procedure.



### FEATURES & BENEFITS

#### KIMAL TORQUE CONTROL and MICRORIDGE Technologies

Superior torque control (1:1 torque transmission) for precise steering

#### MICRORIDGE Technology

Directs proximal “push” forces in the direction of the distal tip for improved access in tortuous vessel segments

#### Optional Tip Load

Provides flexibility and supports procedural requirements

#### Hydrophilic coating

Enhances tracking in tortuous vasculature and facilitates lesion crossing.

### ACCESS & SIZES

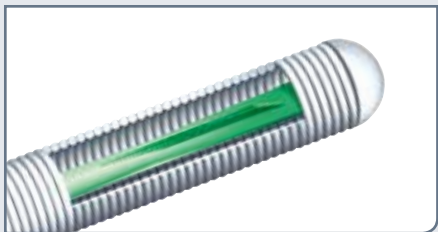
Available in 0.010”, 0.014”, 0.018”



Transradial



Femoral



### **“WORKHORSE” WIRE**

The 0.014” Coronary interventional wire with unique inner core technology for enhanced torque and a gradual ridge-to-core transition for minimal prolapse.



### **RADIAL INTERVENTIONAL WIRE**

Developed specifically for radial access, this 0.010” coronary interventional wire incorporates the unique inner core technology for enhanced torque with a lower profile wire to support the radial approach and reduce the chance of radial spasm.



### **CTO WIRE**

The 0.014” heavy weight coronary interventional wire incorporates the unique inner core technology for enhanced torque with increased force to tackle total chronic occlusion.



### **CTO PLUS WIRE**

The CTO Plus incorporates Wedge crossing technology and a gradual ridge to core transition alongside the inner core technology for enhanced torque with increased force to aid the toughest of chronic total occlusions.



### **PERIPHERAL INTERVENTIONAL**

The 0.018” PTA wire combines unique inner core technology and a gradual ridge to core transition to support minimal prolapse and enhance torque.

Kimal's Sollution™ range offers a variety of safety products to support infection control and support the wellbeing of patients and staff.

Kimal can work with you to provide specialised solutions with the whole procedure in mind. For further information on similar products to this, or Kimal's extended range of procedure products, please contact your local Kimal Representative.



**NON-STERILE CODE:** 8606  
**STERILE CODE:** K62/GWB/10  
**BOX QUANTITY:** 12

## SOLLUTION GUIDEWIRE BOWL

Designed to assist in the use, preparation and storage of guidewires and catheters during cardiology procedures the Sollution guidewire bowl has been specially formed to secure coiled devices and avoid the risk of kinking during soaking and priming. With a storage area of 2 litres, it also includes a pouring spout to assist with the safe disposal of fluid.

### FEATURES AND BENEFITS

- **2 litre capacity**  
Moulded markers allow you to measure 500ml, 1ltr, 1.5ltr and 2ltr volumes
- **Pouring spout**  
Supports safe and easy disposal of fluids
- **Moulded retainer rings**  
Securely holds coiled devices in place when they are not in use
- **Stable design**  
Provides excellent stability and supports easy removal of Guidewires and Catheters from the bowl



**NON-STERILE CODE:** 8538/NCD  
**STERILE CODE:** K62/NCD  
**BOX QUANTITY:** 40

## SOLLUTION NEEDLE CONTAINMENT DEVICE

Designed to minimise the risk of needle stick injury and aid sharps management during clinical procedures. The Sollution needle containment device (NCD) has been designed with the Clinical Practitioner in mind. Combining a stable design, adhesive base and high density closed cell polyethylene foam, the Sollution NCD provides a safe environment to house needles when they are not in use.

### FEATURES AND BENEFITS

- **Stable base with adhesive**  
Provides stability when inserting and removing sharps
- **High density closed cell polyethylene foam**  
Resists coring and prevents particles from entering the needle lumen.



**NON-STERILE CODE:** 8543/FCD  
**STERILE CODE:** K62/FCD  
**BOX QUANTITY:** 16

## SOLLUTION FLUID COLLECTION DEVICE

Designed to support the safe disposal of medical waste, the Sollution Fluid Containment Device (FCD) combines a sturdy design with a 500ml fluid capacity.

### FEATURES AND BENEFITS

- **Absorbent pad**  
Safely stores waste fluid
- **Covered entry**  
Prevents splash back
- **Ergonomically designed lid**  
Doubles as a base to provide added stability and once the procedure is over, it creates a lid to support safe disposal of fluids.

## SEAL-ONE® RADIAL COMPRESSION DEVICE

Designed to provide reliable haemostasis following a cardiology procedure which has used the radial approach, the Seal-One Radial Compression Device combines comfort and ease of use.

### Time indicator

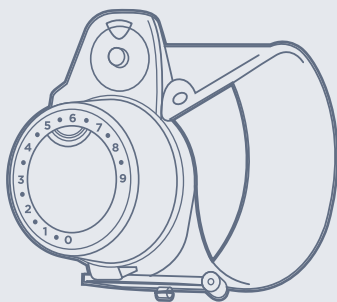
Provides nursing staff quick reference to the placement time.

### Compression wheel

Allowing easy adjustment of compression for haemostasis without additional accessories.

### Transparent window

Enhanced visibility of the puncture site.



**NON-STERILE CODE:** 0259NS

**STERILE CODE:** 0259NA

**BOX QUANTITY:** 30

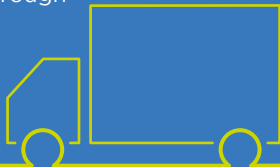
## SEAL-ONE RADIAL COMPRESSION DEVICE

### FEATURES AND BENEFITS

- **Targeted compression**  
Smaller compression pad targeting just the radial artery
- **Adjustable strap**  
Precise adjustment for control of compression and one universal size to fit all saving on inventory
- **Transparent window**  
Enhanced visibility of the puncture site
- **Compression wheel**  
Allowing easy adjustment of compression for haemostasis without additional accessories
- **Decompression safety button**  
Provides secured decompression, preventing accidental release by patient
- **Time indicator**  
Provides nursing staff quick reference to the placement time

## DELIVER ON TIME

KIMAL recognise the importance of delivering on time, every time, in full. Through our 50 Years' experience we have developed core skills which have enabled us to work with our customers and actively manage the challenges of fluctuating demand through forecasted monthly usage.



Our **commitment**  
to your **patient**

# KIMAL COMMITMENT

## SPECIALIST CLINICAL KNOWLEDGE

Our team of Clinical Specialists and a customer focussed sales team are dedicated to understanding the needs of clinicians and will support you in improving efficiencies in your department.



## NO UNEXPECTED SURPRISES

We will work with you to deliver a customised procedure pack to your requirements. You will receive what you ask for and if anything changes, we will notify you first.

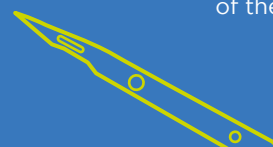
## AWARD WINNING CUSTOMER SERVICE

The customer is our number one priority and we are committed to consistently delivering high standards of customer care globally. It is this philosophy which has led to us to achieve the European Supply Chain Excellence Award for Customer Service in conjunction with an NHS Trust.



## HIGH QUALITY PRODUCTS TO MEET YOUR NEEDS

We work with our manufacturers to deliver quality products which will withstand the demands of the procedure.



**For more information, pricing or samples speak to your local Kimal Clinical Specialist or contact:**

### UK

Tel: +44 (0)845 437 9542

Fax: +44 (0)845 437 9544

Email: [customercare@kimal.co.uk](mailto:customercare@kimal.co.uk)

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Tel: +44 (0)845 437 9543

Fax: +44 (0)845 437 9549

Email: [internationalenquiries@kimal.co.uk](mailto:internationalenquiries@kimal.co.uk)

## [www.kimal.com](http://www.kimal.com)

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delivering healthcare innovation