

**Product portfolio** Issue 33

For over 50 years, we have established a reputation for high quality, well designed and manufactured products that protect you and your patients. The increasing amount of business conducted with the industry's major operators is indicative of the quality of our operation.

The after sales service and back up we provide demonstrates our understanding and gives our customers total peace of mind. With the use of high-class efficient suppliers, investment in our design and assembly plant and the ever-increasing emphasis on exhibitions and advertising, we continue to look to the future.

Today, we serve hundreds of companies throughout the world and have established ourselves among the leading manufacturers and suppliers within our field.

We always aim to be the best at what we do.



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LED lamp & 354/P/76-0031



# Our suspension systems are in use worldwide and safely support numerous medical devices

Including; radiation protective shields, lamps, monitors, contrast injectors, video cameras and x-ray equipment control consoles, either alone or in combination. Customised solutions are also tailored to suit specific requirements.

The sturdy suspension arms used, comprise of a 95 cm or 75 cm extension arm with a 91 cm spring arm, for weight loads up to 21 kg providing movement and flexibility over a wide area. A patented safety collar prevents separation of the supported device, while the design of the twin pin steel ceiling column ensures the maximum level of safety when the assembly of one or two devices is stationary mounted on the ceiling, or attached to the carriage in our ceiling track.

Our patented ceiling track has a unique profile that holds an optional cable management system, where signal and supply cables are enclosed within an integrated energy chain. This arrangement eliminates the need for an unsightly cable festoon system where external sliding cable hangers restrict movement. The enhanced strength of the track enables two independently movable carriages to be incorporated with each carrying a ceiling column with two fully loaded suspension arms.

Systems are UL classified, manufactured for safety and essential performance to international standard IEC 60601-1 3rd Edition, and CE certified to EU Regulation 2017/745 concerning medical device.

# Track system for overhead shields and lamps Model 3001

### 3001/TC – Ceiling track and carriage (new track design patented by Kenex)

Please note: model 3001/TC/250 track and carriage is included with some radiation shields. See product codes ending -0031 on pages 5 and 6 and other devices on page 7.

Heavy duty aluminium tracks supplied with a smooth running carriage.

- Shields with a ceiling column, i.e., 354/P/76-001 can be fixed to a carriage.
- 2 carriages can be fitted to provide independent movement of up to 4 devices.
- Optional cable management system (energy chain) for lamps or monitors etc.
- The cable management fits tidily within the track and eliminates hanging cables.
- Design simplifies installation to Unistrut (or equivalent) ceiling channels.

Description	Product code
250 cm long ceiling track including 1 carriage	3001/TC/250
420 cm long ceiling track including 1 carriage	3001/TC/420
Optional extras	
Extra carriage (maximum 2 per track)	3001/3.25
Energy chain (per carriage) for 250 cm long tracks	3001/TC/250/EC
Energy chain (per carriage) for 420 cm long tracks	3001/TC/420/EC



3001/TC track with cable management (energy chain) (Attached vertical column not included)

# Installation aids for shields and lamps Model 300

#### 300/P/012, 300/P/014 - Ceiling void anchorage mounts

These support structures are designed for installation in the space between a suspended ceiling and a solid ceiling above (column not included).

• Once assembled, installed and adjusted they provide an upright and solid platform.

Description	Product code
Ceiling void anchorage mount for distances between 30 cm - 90 cm	300/P/012
Ceiling void anchorage mount for distances between 8.5 cm - 30 cm	300/P/014





300/P/014

# 300/P/004 – Ceiling mounting plate

This mounting plate provides an effective support for the static installation of the ceiling column supplied with shields, lamps and monitor suspension systems.

· The plate can be fixed above or below a suspended ceiling.

Description	Product code
$73.5 \times 34 \times 3.8$ cm steel mounting plate (column not included)	300/P/004

# 300 – Ceiling column with twin pivots

Description	Product code
80 cm long + 1 pivot electrically wired for arm and lamp	300/COLUMN-2
Other lengths 40, 60 and 100 cm with the same specification	300/COLUMN/40 or 60, 100



300/P/004 Ceiling column

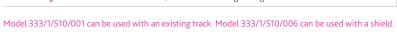
# >

# Monitor suspension systems Model 333

#### 333 – Suspension systems for flat screen monitors with a 5-10 kg weight range

- 186 cm reach extension/spring arm and monitor holder with 100 mm VESA mount.
- Supplied with 80 cm long twin pivot column with 60 or 100 cm lengths available.
- External cabling only.

Description	Product code
Stationary system Monitor holder, suspension arm and fixed ceiling column	333/1/510/001
Ceiling track system Monitor holder, arm, column, 250 cm track & carriage	333/1/510/0031
Wall mounted system Monitor holder, arm and wall fixing bracket	333/1/510/005
Combined system Monitor holder and arm, fit onto an existing ceiling column	333/1/510/006





333/1/510/0031





Our comprehensive range of x-ray shielding equipment significantly reduces secondary radiation exposure to staff during all applications.

The installation of ceiling suspended lead acrylic or lead glass shields minimise dose to the head, lens of the eye and upper body, and importantly provide instant access to the patient in an emergency. Tableside mounted shields protect the lower body and extremities and when combined, provide a safe and effective zone of occupancy. Mobile over-table and alongside table versions are also available.

3D Computer-aided design (CAD) files to assist with room planning and layout are available on request.

354/P/76-001



# Overhead radiation shields Models 354/351/350/308

#### Kenex radiation shields - provide optimal protection

#### Stationary installation

Protective shields for static installation on the ceiling are supplied with a suspension arm and an 80 cm long ceiling column as standard, with other lengths of 40 cm, 60 cm and 100 cm available. The suspension arm comprises an extension and spring arm combination with a combined reach of 186 cm. The ceiling column has a spare pivot, equipped with an internal electrical connector, for mounting a second suspension arm and another device; such as the lamp illustrated.

#### Movable installation

Shields for guidance across the ceiling are additionally supplied with a 250 cm long heavy duty aluminium ceiling track with a movable carriage. Track mounted devices can be moved and positioned in the working area or parked up to 5.9 meters away. An optional second carriage provides independent movement of further attached devices, such as injectors, monitors, lamps or extra shields.



354/P76/LED130F-0031

















# 354 – Upper body radiation shields

#### With a patient contour corner cut-out

- · Material: transparent lead acrylic, lead equivalent 0.5 mm.
- · Portrait orientation, but central ball and socket joint provides rotational and tilting movement.

Description	Product code
76 cm high x 61 cm wide shield with a suspension arm and ceiling column	354/P/76-001
76 x 61 cm shield with arm, column and 250 cm heavy duty aluminium ceiling track	354/P/76-0031
Option: flexible 0.5 mm lead panels fitted around lower profile	354/P/LR



### 354 – Upper body radiation shields

Without a corner cut-out

- Material: transparent lead acrylic, lead equivalent 0.5 mm.
- · Portrait orientation, but central ball and socket joint provides rotational and tilting movement.

Description	Product code
76 cm high x 61 cm wide shield with a suspension arm and ceiling column	354/76-001
76 x 61 cm shield with arm, column and 250 cm heavy duty aluminium ceiling track	354/76-0031
Option: flexible 0.5 mm lead panels fitted across 61 cm width	354/LR/61
40 cm high x 50 cm wide shield with a suspension arm and ceiling column	354/45-001
40 x 50 cm shield with arm, column and 250 cm heavy duty aluminium ceiling track	354/45-0031
Option: flexible 0.5 mm lead panels fitted across 50 cm width	354/LR/50



354/76-001

### 351 – Upper body radiation shields

With a patient contour corner cut-out

- Material: transparent lead acrylic, lead equivalent 0.5 mm.
- Landscape orientation.

Description	Product code
60 cm high x 80 cm wide shield with a suspension arm and ceiling column	351/P/68-001
60 x 80 cm shield with arm, column and 250 cm heavy duty aluminium ceiling track	351/P/68-0031
Option: flexible 0.5 mm lead panels fitted around lower profile	351/P/LR



351/P/68-001

# 351 – Upper body radiation shields

Without a corner cut-out

- Material: transparent lead acrylic, lead equivalent 0.5 mm.
- Landscape orientation.

Description	Product code
60 cm high x 80 cm wide shield with a suspension arm and ceiling column	351/68-001
60 x 80 cm shield with arm, column and 250 cm heavy duty aluminium ceiling track	351/68-0031
Option: flexible 0.5 mm lead panels fitted across 80 cm width	351/LR/80
40 cm high x 50 cm wide shield with suspension arm and ceiling column	351/45-001
40 x 50 cm shield with arm, column and 250 cm heavy duty aluminium ceiling track	351/45-0031
Option: flexible 0.5 mm lead panels fitted across 50 cm width	351/LR/50



351/68-001

### **Overhead radiation shields** continued

#### 350 - Eyes and thyroid radiation shields

- Material: Lead glass, with minimum 2.2 mm lead equivalent.
- Fitted flexible lower curtain: lead equivalent 0.5 mm.

Description	Product code
40 cm high x 50 cm wide shield with a suspension arm and ceiling column	350/45-001
40 x 50 cm shield with arm, column and 250 cm heavy duty alloy ceiling track	350/45-0031
30 cm high x 40 cm wide shield with a suspension arm and column	350/34-001
30 x 40 cm shield with arm, column and 250 cm heavy duty alloy ceiling track	350/34-0031



350/45-001

#### 308 - Overhead flexible lead shield

Overlapping panels with a fold-up centre section retained by a press stud.

- Material: flexible 0.5 mm Pb equivalent lead vinyl.
- Size: 50 cm high x 100 cm wide.
- Ceiling model has an 80 cm long ceiling column. 60 & 100 cm lengths are optional.

Other sizes available on request.

Description	Product code
Shield with a suspension arm and ceiling column	308/50100-001
Shield with a suspension arm and wall mounting bracket	308/50100-005





For track systems please see page 2.



# Radiation shields and lamps - complete systems Models 350/351/354

#### Static ceiling mounted or ceiling track mounted radiation shields and lamp combinations

All our lamps have daylight characteristics, light field focussing, dimming with on/off switch, sterilisable handle, power supply unit and a 950/910 mm suspension arm. Model 350 protective shields include a 2.2 mm lead equivalent glass window with an attached 0.5 mm Pb flexible curtain. Models 351 and 354 shields include 0.5 mm lead equivalent transparent acrylic with an optionally attached 0.5 mm Pb flexible curtain.

All shields are supplied with a suspension arm and an 80 cm long twin pivot ceiling column as standard. Other lengths of 40 cm, 60 cm and 100 cm are available as a no cost option.

See page 4 for further shield details and page 22 for lamps. For mounting systems please see page 2 and 3.

#### Stationary system: with a fixed ceiling column

Description	Product code
40 x 50 cm shield, static column and lamp: LED 130F	350/45/LED130F-001
40 x 50 cm shield, static column and lamp: LED 150F	350/45/LED150F-001
40 x 50 cm shield, static column and lamp: LED 300DF SC	350/45/LED3DF-001

#### Movable solution: with ceiling column and 250 cm HD aluminium ceiling track

Description	Product code
40 x 50 cm shield, column, ceiling track and lamp: LED 130F	350/45/LED130F-0031
40 x 50 cm shield, column, ceiling track and lamp: LED 150F	350/45/LED150F-0031
40 x 50 cm shield, column, ceiling track and lamp: LED 300DF SC	350/45/LED3DF-0031



350/45/LED130F-0031

# 351 – Upper body shields and lamp combinations

#### Stationary system: with a fixed ceiling column

Description	Product code
60 x 80 cm shield, static column and lamp: LED 130F	351/P68/LED130F-001
60 x 80 cm shield, static column and lamp: LED 150F	351/P68/LED150F-001
60x80 cm shield, static column and lamp: LED 300DF SC	351/P68/LED3DF-001

#### Movable solution: with ceiling column and 250 cm HD aluminium ceiling track

Description	Product code
60 x 80 cm shield, column, ceiling track and lamp: LED 130F	351/P68/LED130F-0031
60 x 80 cm shield, column, ceiling track and lamp: LED 150F	351/P68/LED150F-0031
60 x 80 cm shield, column, ceiling track and lamp: LED 300DF SC	351/P68/LED3DF-0031



351/P68/LED130F-0031

# 354 – Upper body shields and lamp combinations

#### Stationary system: with a fixed ceiling column

Description	Product code
76 x 61 cm shield, static column and lamp: LED 130F	354/P76/LED130F-001
76 x 61 cm shield, static column and lamp: LED 150F	354/P76/LED150F-001
76 x 61 cm shield, static column and lamp: LED 300DF SC	354/P76/LED3DF-001

#### Movable solution: with ceiling column and 250 cm HD aluminium ceiling track

Description	Product code
76 x 61 cm shield, column, ceiling track and lamp: LED 130F	354/P76/LED130F-0031
76 x 61 cm shield, column, ceiling track and lamp: LED 150F	354/P76/LED150F-0031
76 x 61 cm shield, column, ceiling track and lamp: LED 300DF SC	354/P76/LED3DF-0031

For operating lamps please see page 22.



354/P76/LED130F-0031



# Mobile radiation shields Models 303/310/317/326/314

#### 303 - Mobile protective shield

Solid panel design: 2.2 mm lead core faced in high-pressure plastic laminate and edged in white impact resistant ABS thermoplastic edging. Available in six different colours, all with 2.2 mm Pb equivalent clear lead glass window.

#### Standard mobile shields

Fitted with 30 cm high x 40 cm wide window, available in landscape or portrait format.

Description	Product code
Standard shield 200 cm high x 75 cm wide	303/B2/75
Standard shield 200 cm high x 90 cm wide	303/B2/90

#### Panoramic mobile shield

Fitted with 60 cm high x 90 cm wide window

Description	Product code
Panoramic shield 200 cm high x 90 cm wide	303/B3/90



303/B2/90 303/B3/90

#### 310/B-3 - Height adjustable mobile shield

Original Kenex design exceeds the demands of professionals.

- Ideal for use in confined areas close to the tableside.
- · The counterbalanced lead acrylic window can be raised in an instant or lowered to gain access to the patient.
- · Optional full width rail can be used for equipment hand controls.
- Occupies very little space when not in use.

Window 70 cm wide (0.5 mm Pb equivalent): height range 115 - 188 cm. Lower steel panel 78 cm wide (1.0 mm Pb equivalent).

Description	Product code
Height adjustable shield	310/B-3
Shield 310/B-3 with rail 10 x 25 x 769 mm	310/B-3/31
Shield 310/B-3 with rail 8 x 25 x 769 mm	310/B-3/91



310/B-3

#### 317 – Flexible protective side panel

A flexible curtain on a double-jointed pivotal arm can be factory fitted to the side, or to both sides of the above mobile shield model 310/B-3.

- One curtain, when fully extended increases the shield width by 68 cm.
- Pivotal arm and curtain can swivel round to form a curved side wing.
- Flexible 0.5 mm curtain is 85 cm long.
- Curtain folds across the front when not in use.

Description	Product code
Protective side panel (per side)	317/05-01





317

# 326/05 – Height adjustable over-table shield

All the attributes of ceiling and table mounted shields in one mobile unit.

- Creates a safe working zone.
- Significantly reduces exposure to radiation.
- The counterbalanced lead acrylic window can be positioned over the patient and height adjusted to suit the table.
- A flexible curtain is suspended from the cantilevered widow and does not impede C-arm movements.
- The lower sliding curtain may be extended towards the tableside to form a continuous barrier.

Window: 50 x 116 cm, 0.5 mm Pb equivalent, height range 138-168 cm. Curtain: 45 - 80 cm wide x 80 cm high (0.5 mm Pb equivalent).

Description	Product code
Over-table mobile shield	326/05



326/05



# 314/05 – Flexible panel mobile shields

Mobile panel is height adjustable with spring assistance.

- Height range: 85 cm to 120 cm.
- Single flexible panel model is 70 cm wide x 60 cm high.
- Double panel version has fixed extra protection below.
- Lead equivalent: 0.5 mm.

Description	Product code
Single flexible panel mobile shield	314/05-01
Double flexible panel mobile shield	314/05-02









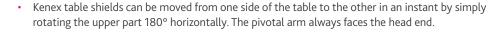


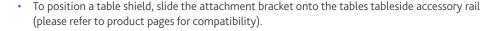
# Table mounted shields Model 312/E & 312/DS

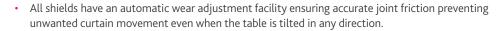
#### Table mounted lower body shields

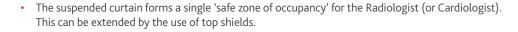
Shields have either a double-jointed pivotal arm or a single friction pivotal arm. Both can be moved laterally towards the patient or swivelled away from the table to form a 0.5 mm Pb protective wing. All have self-adjusting friction joints ensuring that the shield remains in the desired position.











- The curtain forms around an under table x-ray tube without impeding movement.
- When used in conjunction with Kenex ceiling mounted systems, both upper & lower body protection meet to provide an effective & easy to use barrier to scatter radiation.

#### **Curtain construction**

The flexible curtain suspended from each shield provides 0.5 mm Pb protection. It consists of a flexible inner layer with a durable outer covering bonded to it. This results in an extremely strong, supple, easy to clean curtain which cannot delaminate. All shields are supplied with a curtain which easily forms around a C-Arm without impeding C-Arm movement.

#### Alternative construction

Shields with curtains made using three overlapping panels are available to special order – Add '/P' to the end of the required stock code. Shields with overlapping panels are a no cost option.

#### Top shields

Kenex top shields are manufactured using the same 0.5 mm Pb protective material as the suspended curtains of the main shield. They include a flexible plastic material that enables them to stand 25 cm above the tableside rail, and provide additional higher and wider protection to the user. Their unique shape (wider at the top) ensures that no gaps develop as the adjacent tops are pushed towards the patient during procedures. (see page 17)



312/E-022



Side profile showing attachment





Automatic wear adjustment



Top shields

# **78 cm wide** with a single friction pivot

- 78 cm shields can be quickly adjusted to fit either a 25 mm high or 29 mm tableside accessory rail.
- 70 cm high curtain.

Description	Product code
One piece table shield with a 57 cm wide lift-off top shield	312/E-006
Alternative model with overlapping curtain panels	312/E-006/P
One piece table shield without a top shield	312/E-005
Alternative model with overlapping curtain panels	312/E-005/P



312/E-006







312/E-006/P



312/E-005



**89 cm wide** with a double friction joint

- 89 cm shields fit onto a 25 mm high tableside rail.
- 70 cm high curtain.

Description	Product code
Table shield with overlapping curtain panels and a 52 cm wide fold-down top shield	311/DS-020



311/DS-020

# **Table mounted shields** continued

#### 92 cm wide with a double friction joint

- 92 cm shields fit onto a 25 mm high tableside rail, but can be quickly adjusted on site to fit a 29 mm tableside accessory rail.
- 70 cm high curtain.





312/E-012

<sup>\*</sup>The pivotal arm of 312/E-013 moves up if struck from below by a C-arm. See page 15.



312/E-012



312/E-012/P



312/E-011



312/E-011/P



312/E-010



312/E-010/P





312/E-013/P

# 100 cm wide with a single friction pivot

- All 100 cm shields have a 35 cm long accessory rail to keep equipment controls close to hand and the curtain behind provides extra protection. The rail is available in two sizes.
- These shields can also overhang the tableside rail to be positioned nearer the head end.
- The attachment bracket slides onto a 25 mm high tableside accessory rail (max. 11 mm depth).
- 70 cm high curtain.

Description	With 350 x 10 x 25 mm accessory rail	With 350 x 7.7 x 25 mm accessory rail
One piece table shield with a 57 cm wide lift-off top shield	312/E-016	312/E-016/8
Alternative model with overlapping curtain panels	312/E-016/P	312/E-016/8P
One piece table shield without a top shield	312/E-015	312/E-015/8
Alternative model with overlapping curtain panels	312/E-015/P	312/E-015/8P



312/E-016











# **Table mounted shields** continued

#### 114 cm wide with a double friction joint

- All 114 cm shields have a 35 cm long accessory rail to keep equipment controls close to hand and the curtain behind provides extra protection. The rail is available in two sizes.
- These shields can also overhang the tableside rail to be positioned nearer the head end.
- The attachment bracket slides onto a 25 mm high tableside accessory rail (max. 11 mm depth).
- 70 cm high curtain.

Description	With 350 x 10 x 25 mm accessory rail	With 350 x 7.7 x 25 mm accessory rail
One piece table shield with a 57 cm wide fold-down top shield	312/E-022	312/E-022/8
Alternative model with overlapping curtain panels	312/E-022/P	312/E-022/8P
One piece table shield with a 57 cm wide lift-off top shield	312/E-021	312/E-021/8
Alternative model with overlapping curtain panels	312/E-021/P	312/E-021/8P
One piece table shield without a top shield	312/E-020	312/E-020/8
Alternative model with overlapping curtain panels	312/E-020/P	312/E-020/8P
Two piece collision resilient shield with a 57 cm lift-off top*	312/E-023	312/E-023/8
Alternative model with overlapping curtain panels	312/E-023/P	312/E-023/8P



312/E-022



Accessory rail

\*The pivotal arm of 312/E-023 moves up if struck from below by a C-arm. See page 15.





312/E-022/P



312/E-021



312/E-021/P



312/E-020



79. 312/E-023/P

312/E-023

# Table mounted shields, collision resilient Model 312/E & 312/DS

#### Collision resilient table mounted lower body shields

Unique patented mechanism enables the pivotal arm to move up when in collision with C-arm equipment.

- All models have a double-jointed pivotal arm supporting a protective 0.5 mm lead equivalent flexible curtain.
- · The pivotal arm and curtain can move up when a C-arm is in contact from below.
- The curtain can move laterally close to the tableside or swivel away to form a protective wing.

#### 92 cm wide collision resilient with a double friction joint

- Fits onto 25 mm high tableside rails or can be configured on site for 29 mm high rails.
- · Can be fitted to either sides of the table, with the pivotal arm always positioned towards the head end.
- 70 cm high curtain.

Description	Product code
Collision resilient shield with 57 cm wide lift-off top	312/E-013
Alternative model with overlapping curtain panels	312/E-013/P





312/E-013



312/E-013 with top shield removed

#### 114 cm wide collision resilient with a double friction joint

- Fitted with a 35 cm long rail for equipment controls.
- The attachment bracket slides onto a 25 mm high tableside accessory rail (max. 11 mm depth).
- Provides extra protection behind attached equipment controls.
- Can be fitted to either sides of the table, with the pivotal arm always positioned towards the head end.
- 70 cm high curtain.

Description	With 350 x 10 x 25 mm accessory rail	With 350 x 7.7 x 25 mm accessory rail
Collision resilient shield with 57 cm wide lift-off top	312/E-023	312/E-023/8
Alternative model with overlapping curtain panels	312/E-023/P	312/E-023/8P







312/E-023



312/E-023 with top shield removed

# **Table mounted shields, collision resilient** continued

#### 137 cm wide collision resilient with a double friction joint

- All 137 cm shields have a 57 cm long accessory rail to keep equipment controls close to hand and the curtain behind provides extra protection.
- The attachment bracket slides onto a 25 mm high tableside accessory rail (max. 11 mm depth).
- These shields can also overhang the tableside rail to be positioned nearer the head end.
- 75 cm high curtain.

Description	With 570 x 10 x 25 mm accessory rail
Collision resilient table shield	312/DS-039/5
Including set of three top shields (3 x lift-off)	312/DS-0412/5
Collision resilient table shield with additional accessory rail 28.6 x 9.8 mm	312/DS-039/6
Including set of three top shields (1 x fold-down/lift-off & 2 x lift-off)	312/DS-039/6/3



312/DS-039/6/3







# **137 cm wide** collision resilient with a double friction joint and deep attachment bracket

- Patented deep attachment bracket allowing transverse table movement
- 57 cm long accessory rail to keep equipment controls close to hand and the curtain behind provides extra protection.
- The attachment bracket slides onto a 25 mm high tableside accessory rail (max. 11 mm depth).
- These shields can also overhang the tableside rail to be positioned nearer the head end.
- 75 cm high curtain.

Description	With 650 x 10 x 25 mm accessory rail
Collision resilient table shield with deep attachment bracket, additional accessory rail 28.6 x 9.8 mm	312/DS-060
Including set of three top shields (1 x fold-down/lift-off & 2 x lift-off)	312/DS-060/1/3









312/DS-060/1/3



#### For use on Kenex lower body shields

Top shields quickly and easily attach to different table mounted Kenex lower body radiation shields, providing additional protection to the user (see separate datasheet for compatibility). Some table shields come with one or more top shields but these are available as optional extras.

- Removeable, 0.5mm Pb X-ray protective top shields
- Slot into docking holes and can be mounted and removed in an instant.
- Standard height tops stand 25 cm above the centre line of the tableside rail, reduced height tops are 10 cm shorter and stand 15 cm above.
- Most can be stored on a wall rack when not required (available separately, see page 19).



312/E-021/P

Slot into docking holes

#### Additional upper protection

57 cm wide tops used together with 27 cm wide tops provide the following total upper protection:-

Description	upper protection width
57 cm wide top only	57 cm wide
57 cm wide top with 1 x 27 cm wide top	74 cm wide
57 cm wide top with 2 x 27 cm wide top*	92 cm wide

78 cm table shields can only accomodate  $1 \times 57$  cm and  $1 \times 27$  cm top shield.

### 312 – Top shield sets

- Top shields are flexible and stand 25 cm above the tableside rail. Reduced height top shields stand 15 cm above.
- $27\ \text{and}\ 57\ \text{cm}$  wide shield combinations give up to 92 cm wide upper protection.

Description	Product code
Standard height, set of three lift-off top shields. Compatible with 312/E-020, 312/E-021, 312/E-022, 312/DS-039/1 & variants.	312/E/025
Reduced height, set of three lift-off top shields. Compatible with 312/E-020, 312/E-021, 312/E-022, 312/DS-039/1 & variants.	312/E/027
Reduced height, set of three lift-off top shields. Compatible with 312/E-023, 312/DS-039/2 & 312/DS-039/5.	312/E/024



312/E/025



312/E/027



312/E/024



# **Table mounted shields, top shields** continued

### 312/DS – 57 cm wide top shield options and replacements

- Top shields are flexible and stand 25 cm above the tableside rail. Reduced height top shields stand 15 cm above.
- For compatibility see separate top shield data sheet.

#### Standard height top shields

Description	Product code
57 cm wide, standard height, lift-off top	312/DS/3.32
57 cm wide, standard height, fold-down top, not removable	312/DS/3.33
57 cm wide, standard height, fold-down / lift-off top	312/DS/3.115
57 cm wide, standard height, lift-off top for collision resilient shields	312/DS/3.32/3









312/DS/3.32/3

312/DS/3.32

312/DS/3.33

312/DS/3.115

Reduced height top shields

Description	Product code
57 cm wide, reduced height, lift-off top	312/DS/3.128
57 cm wide, reduced height, fold-down top, not removable	312/DS/3.139
57 cm wide, reduced height, fold-down / lift-off top	312/DS/3.167
57 cm wide, reduced height, lift-off top for collision resilient shields	312/DS/3.106









# 312/DS – 27 cm wide top shield options and replacements

- Top shields are flexible and stand 25 cm above the tableside rail. Reduced height top shields stand 15 cm above.
- For compatibility see separate top shield data sheet.

#### Standard height top shields

Description	Product code
27 cm wide, standard height, lift-off top	312/DS/3.30
27 cm wide, standard height, lift-off top (cropped)	312/DS/3.41
27 cm wide, standard height, lift-off top (cropped)	312/DS/3.122

#### Reduced height top shields

Description	Product code
27 cm wide, reduced height, lift-off top	312/DS/3.108
27 cm wide, reduced height, lift-off top (cropped)	312/DS/3.110
27 cm wide, reduced height, lift-off top (cropped)	312/DS/3.130







312/DS/3.108



312/DS/3.41 3





312/DS/3.130

18

# **Table mounted shields, top shields** Model 312/DS

### Wall racks for table mounted lower body shields

These racks provide a convenient storage location when shields are removed from the tableside.

Description	Product code
Wall rack for a lower body shield	312/W-LB
Wall rack for $1 \times 57$ cm wide top shield and $2 \times 27$ cm wide top shields (excluding fold down)	312/W-TOP









312/W-TOP (above) 312/W-LB (below)

#### Mobile racks for table mounted lower body shields

Effective mobile storage combinations for lower body table shields (types 311 & 312), removable Kenex top shield sets (1 x 57 cm and 2 x 27 cm wide) and optional head end shields (types 313).

Description	Product code
Mobile rack for 1 x table shield, 1 x set of top shields and 1 x head end shield	1342/A2/E
Mobile rack for 2 x table shields and 2 x sets of top shields	1342/A2/F





1342/A2/F Shields not included

# Table mounted shields head end Model 313

These lower body shields substantially reduce exposure to scatter radiation emanating from the table or patient's body. They comprise of a lightweight and durable structure supporting a flexible 0.5 mm lead equivalent curtain or multiple curtains.

- The shield slides onto a carbon fibre table top and maintains its position even when the table is tilted.
- The pivotal side wings can be formed around the user, individually extended forward along the table side, or folded neatly away according to preference. The pivotal arms can be quickly repositioned to allow full C-arm movement.
- Each shield is manufactured to suit a specific table and can be provided with an optional wall storage rack if not already included. This allows the shield arms to be folded inwards to reduce wall space to a minimum.

Please specify size and make of table when ordering. A downloadable pdf measurement sheet is available on our website or by request.

#### 313/A2

56 cm wide central section and two 32 cm wide pivotal side wings, supporting an 80 cm long flexible 0.5mm Pb equivalent curtain. Total width: 120 cm (dependent upon make of table).

Description	Product code
Head end table shield	313/A2
Optional wall rack	On request
Head end table shield & wall rack for use with a 525 mm wide Artis table or 520 mm wide TruSystem 7500 for Artis zee systems	313/A2-001
Head end table shield & wall rack for use with a 550 mm wide Artis zee multipurpose (MP) table	313/A2-008



#### 313/A3

57 cm wide central section and two 31 cm wide pivotal side wings, supporting an 80 cm long flexible 0.5mm Pb equivalent curtain. The flexible 57 cm wide x 27 cm high top shield folds down when required.

Description	Product code
Head end table shield and flexible 57 cm wide x 27 cm high fold down top shield for use with a 500 mm wide Allura AD7 table	313/A3-001
Optional wall rack	313/A3- 001/W



313/A3-001 Top shield shown folded down

# Table mounted shields upper foot end Model 311

# 311/TC – Upper foot end table shield

This shield protects against scatter radiation and also helps protect against possible blood splashes during some interventional procedures.

- Designed for use across the table towards the foot end.
- Fits onto both 25 mm high tableside accessory rails (7.7 10 mm thick).
- Lead acrylic window 60 cm high x 80 cm wide (dependent on table width), with lower flexible curtain.
- Overall height: 90 cm.
- · Lead equivalent protection throughout: 0.5 mm.

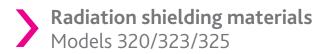
#### Please specify size and make of the table.

A downloadable pdf measurement sheet is available on request.

Description	Product code
Table end upper shield	311/TC/004

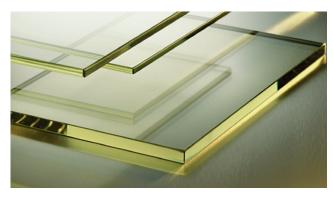


311/TC/004

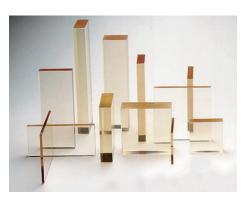


Description	Product code
Flexible lead vinyl sheeting	
0.5 mm Pb equivalent 95 cm wide. Price per linear metre	320/K/050/96
Lead glass – clear optical quality 2.2 mm Pb equivalent.	
30 x 40 cm	323/2/3040
40 x 50 cm	323/2/4050
Larger sizes up to 100 x 200 cm	
Clear lead acrylic (plastic).	
0.5 mm Pb equivalent (12 mm thick)	325/054

#### Other Pb values for the above materials are also available.



Lead glass



Lead acrylic





# Our modern ergonomic lamps create ideal examination and operating conditions

Such as daylight characteristics, cool light technology with almost non-existent heat dispersion, faceted multi-lenses for even illumination, high contrast colour rendering for recognition of colour tones and controls to alter the light field size and intensity. LED MC models enable the colour temperature values to be altered to create a range of settings according to preference or application. For example 4500 or 4750 Kelvin for cold-white or warm-white light.



# Operating and examination lamps

Lamps can be used in combination with radiation shields or separately, either as a static installation or as a movable unit in a ceiling track.

Outstanding illumination with high-contrast daylight characteristics, optimal colour reproduction and cool light technology are features of these examination and surgical lamps. Robust suspension arms, comprising a 95 cm extension with a 91 cm spring arm, provide extensive reaching capacity within a 372 cm diameter and a height adjustment of 118 cm. Mobile versions are available.



LED 130F



LED 150F, LED 150FP & LED 150MC



LED 6MC



LED 300DF SC

#### LED 130F – Focusable, single colour LED examination lamp

#### Light output 70,000 Lux

- Colour rendering index Ra 96, colour temperature 4500K and focusable light field 13-19 cm diameter.
- Diming range 50% to 100% with on/off switch at lamp head.
- 19 LED's (life span 60,000h) included in 33 cm diameter lamp head with sterilisable handle.
- Supplied with a separate power supply unit (100-240V 50-60Hz) and housing.

Description	Product code
LED 130F lamp and suspension arm only (for use with a Kenex ceiling radiation shield)	300/L-LED130F
LED 130F lamp, suspension arm and ceiling column	300/CL-LED130F
LED 130F lamp, suspension arm and wall fixing bracket	300/WL-LED130F

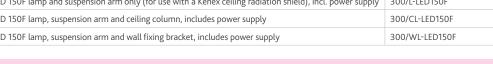


# LED 150F – Focusable, single colour LED examination and small operating lamp

Light output 110,000 Lux

- Colour rendering index Ra 96, colour temperature 4500K and focusable light field 18-25 cm diameter.
- Diming range 50% to 100% with on/off switch at lamp head.
- 26 LED's (life span 60,000h) included in 40 cm diameter lamp head with sterilisable handle.
- Supplied with a separate power supply unit (100-240V 50-60Hz) and housing.

Description	Product code
LED 150F lamp and suspension arm only (for use with a Kenex ceiling radiation shield), incl. power supply	300/L-LED150F
LED 150F lamp, suspension arm and ceiling column, includes power supply	300/CL-LED150F
LED 150F lamp, suspension arm and wall fixing bracket, includes power supply	300/WL-LED150F



#### **Lamp Upgrade**

A 150F lamp head with LED technology, can replace an existing Kenex 130F lamp head, or older Triaflex lamp head, (with halogen bulbs), without the need to replace their existing suspension arms. LED 150F light output: 100,000 LUX

(With hatogen batts), Without the need to replace their existing suspension arms. EED 1501 fight output.	
Description	Product code
LED 150F lamp head with separate electronic transformer (110-250V 50-60Hz) and housing	150F/400/3.1



LED 150F

# LED 150FP – Focusable, single colour LED examination and small operating lamp Light output 130,000 Lux

- Colour rendering index Ra 96, colour temperature 4500K and focusable light field 17-24 cm diameter.
- Diming range 50% to 100% with on/off switch at lamp head.
- 26 LED's (life span 60,000h) included in 40 cm diameter lamp head with sterilisable handle.
- Supplied with a separate power supply unit (100-240V 50-60Hz) and housing.

Description	Product code
LED 150FP lamp and suspension arm only (for use with a Kenex ceiling radiation shield), incl. power supply	300/L-LED150FP
LED 150FP lamp, suspension arm and ceiling column, includes power supply	300/CL-LED150FP
LED 150FP lamp, suspension arm and wall fixing bracket, includes power supply	300/WL-LED150FP

Additional sterilisable handle available for all lights see page 25.



LED 150FP



# **Operating and examination lamps** continued

# LED 150MC – Fixed focus, multi colour LED examination and small operating lamp

Light output 110,000 Lux

- Colour rendering index Ra 96, colour temperature range: 3750, 4000, 4250, 4500 & 4750 Kelvin and 20 cm light field diameter.
- Diming range 50% to 100% with on/off switch at lamp head.
- 26 LED's (life span 60,000h) included in 40 cm diameter lamp head with sterilisable handle.
- Supplied with a separate power supply unit (100-240V 50-60Hz) and housing.

Description	Product code
LED 150MC lamp and suspension arm only (for use with a Kenex ceiling radiation shield), incl. power supply	300/L-LED150MC
LED 150MC lamp, suspension arm and ceiling column, includes power supply	300/CL-LED150MC
LED 150MC lamp, suspension arm and wall fixing bracket, includes power supply	300/WL-LED150MC



LED 150MC

#### LED 6MC - Multi colour surgical LED lamp

Light output 140,000 Lux

- Colour rendering index Ra 98, colour temperature range: 3750, 4000, 4250, 4500 & 4750 Kelvin and focusable light field 18-30 cm diameter.
- Touch panel light intensity control (50 -100%) with on/off switch.
- Depth light and Endo light switching (for increased intensity to central LED segments or where outer segments are turned off).
- 69 LED's (life span 60,000h) included in 58 cm diameter lamp head with sterilisable handle.
- Supplied with a separate power supply unit (100-240V 50-60Hz) and housing.

Description	Product code
LED 6MC lamp and suspension arm only (for use with a Kenex ceiling radiation shield)	610/530/01
LED 6MC lamp, suspension arm and ceiling column	610/530/03



LED 6MC

#### LED 300DF SC – Single colour surgical LED lamp

Light output 160,000 Lux

- Colour rendering index Ra 96, colour temperature 4500K.
- Step less dimming (28-100%) with on/off switch at lamp head.
- "Duo-Focus" system for merging and focusing the light field from 19-26 cm diameter.
- 36 LED's (life span 60,000h) included in 55 cm diameter lamp head with sterilisable handle.
- Supplied with a separate power supply unit (100-240V 50-60Hz) and housing.

Description	Product code
LED 300DF SC lamp and suspension arm only (for use with a Kenex ceiling radiation shield)	340/631/01
LED 300DF SC lamp, suspension arm and ceiling column	340/631/03



Additional sterilisable handle available for all lights see page 25.



# LED 130F, LED 150F & LED 150FP mobile lamp

Light output 70,000, 110,000 & 130,000 Lux

#### See page 19 for lamp details.

Description	Product code
LED 130F mobile lamp with power supply 70,000 Lux. Arm reach: 91 cm. Height range 69 - 193 cm	130/430/1300
LED 150F mobile lamp with power supply 110,000 Lux. Arm reach: 97 cm. Height range 61 - 184 cm	150/430/1300
LED 150FP mobile lamp with power supply 130,000 Lux. Arm reach: 97 cm. Height range 61 - 184 cm	150/530/1300



130/430/1300

#### LED 6MC mobile surgical lamp

Light output 140,000 Lux

#### See opposite for lamp details.

Arm reach: 110 cm. Height range: 83 – 246 cm.

Description	Product code
Mobile lamp with power supply	610/530/1200



610/530/1200

#### Additional sterilisable handle

Description	Product code
Spare sterilisable handle (available for all lights)	300/L/2115/0002



300/L/2115/0002







We have been serving the worldwide medical community for over 50 years and use our experience to help our customers by providing only high performance accessories.

Those featured are designed in collaboration with medical professionals to provide innovative solutions to diagnostic imaging needs. All have been manufactured and tested to ensure they properly assist in obtaining quick and accurate results with the minimum of concern to the patient.



# Mobile holders for DR panels and cassettes Models 1330/1305

#### 1330 – Mobile DR detector and cassette holder

Stable and compact design holds portable DR Panels and CR or film cassettes from 24  $\times$  30 cm to 35  $\times$  43 cm. Also holds full leg/spine image receptors of any length.

- · Unlimited orientation for universal positioning possibilities.
- Telescopic width adjustable from 24.5 cm to 53.5 cm with no protruding parts.
- Height adjustable from floor level to 129 cm.
- Counterbalance mechanism included for effortless raising or lowering.
- Overhangs table or trolley by up to 62 cm.
- Accepts cassettes and image receptors up to 30 mm thick.
- Large castors with roll and swivel locks ensure effortless movement.
- Castors are fitted with guards to prevent the pedestal running over cables.
- Heavy base and low centre of gravity gives added stability.

Description	Product code
Mobile detector holder: Counterbalance load 6.7 kg	1330/3
Mobile detector holder: Counterbalance load 4.2 kg	1330/4
Mobile detector holder: Counterbalance load 2.5 kg	1330/5

















Suitable for portable DR Panels and CR or film cassettes.

- Unlimited orientation for universal positioning possibilities.
- Telescopic width adjustable from 24.5 cm to 53.5 cm.
- Holds full leg/spine image receptors of any length.
- Not counterbalanced, but with easy height adjustment from floor level to 142 cm.
- Overhangs table or trolley by up to 49 cm.
- Accepts image receptor/cassette up to 30 mm thick of any length.
- Heavy base and low centre of gravity gives added stability.

Description	Product code
Mobile detector holder:	1305/8/1



1305/8/1

#### 1305/3/1 - Mobile cassette holder

Cassettes or cassette-sized image receptors can be positioned at any angle.

- A versatile holder with universal applications.
- Telescopic width adjustable from 24.5 cm to 53.5 cm.
- Not counterbalanced, but with easy height adjustment from floor level to 120 cm.
- Ideal for routine lateral 'shoot-through' radiographs.
- Forward reach from column to cassette front: 36 cm.
- Accepts cassettes size image receptors up to 30 mm thick.

Description	Product code
Mobile cassette holder	1305/3/1



1305/3/1



# **Positioning aids** Model 1701

#### 1701 - Sandbags

Supplied with or without a handle. Inner bag limp filed with silica sand. Outer bag nylon coated.

Size	Weight (approximate)	Product code	
8 x 24 cm	0.7 kg	1701/02	
10 x 30 cm	1.0 kg	1701/28	
16 x 30 cm	1.7 kg	1701/06	
16 x 40 cm	2.3 kg	1701/07	
16 x 50 cm	2.8 kg	1701/08	
16 x 60 cm	3.4 kg	1701/09	
20 x 20 cm	1.4 kg	1701/18	
20 x 30 cm	2.1 kg	1701/29	
24 x 24 cm	2.0 kg	1701/10	
30 x 30 cm	3.2 kg	1701/15	
Reinforced handle fitted to any of th	e above sandbags	add/H to product code	



1701

Available in Royal, Navy, Poppy or Bottle green. See page 29.



# Patients chair Model 1501

#### 1501/D - Patients imaging chair

This chair is ideal for a range of imaging procedures.

- Hydraulic operation alters the seat height between 55 and 70 cm.
- Height adjustment can be made with ease, regardless of the weight of a seated patient.
- A single lever can raise, lower or lock the rotation of the large and comfortable seat.
- The back and arm rests are held securely yet can be removed and replaced in seconds.
- Castors have rolling and swivel action brakes, so any locked pair will prevent movement.





1501/D with back & arms removed





# Mobile Pedestal Models 1340/3 / 1340/3/LR

### 1340/3 – Mobile pedestal for tableside controls

This ergonomic mobile pedestal is designed to hold tableside equipment controls.

- 80 cm wide rails arranged in two tiers can accommodate several control modules.
- Both tiers are individually adjustable for height to suit controls and operator.
- The lower rail protrudes forward from the upper rail by 16 cm for a step wise setup.
- A heavy base with a 61 x 72 cm footprint gives stability and a low centre of gravity.
- Large twin wheel castors with roll and swivel locks ensure effortless movement.
  Castors are fitted with guards to prevent the pedestal running over cables.
- Overall height 124 cm

Description	Product code
Mobile pedestal with 80 cm wide rails (7.7 x 25 mm section)	1340/3
Mobile pedestal with 80 cm wide rails (10 x 25 mm section)	1340/3/10

# 1340/3/LR – Mobile pedestal with attached radiation shield

Mobile pedestal as model 1340/3 but with an attached 80 cm wide 0.5 mm lead equivalent flexible protective curtain.

Description	Product code
Mobile pedestal 80 cm rails (7.7 x 25 mm section) and shield	1340/3/LR
Mobile pedestal 80 cm rails (10 x 25 mm section) and shield	1340/3/10/LR



1340/3



1340/3/LR







# Current diagnostic and therapeutic procedures are often lengthy with x-ray protective clothing worn for extended periods.

It is therefore more important than ever that it correctly fits both the wearer and the application. Our extended range of LytaType x-ray protective clothing achieves these essential occupational health requirements by ensuring it is well tailored, flexible and comfortable to wear.

Kenex are certified to Regulation (EU) 2016/425 (PPE) for the design and manufacture of x-ray protective clothing. LytaType aprons and thyroid collars comply with the requirements of BS EN 61331-3 and BS EN 13402-3. They include lead (Pb) vinyl material tested for use with a 50 to 150 kV range of x-ray tube voltages, as specified in BS EN 61331-1.

# X-ray protective clothing Order guide

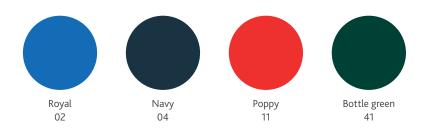
#### Please follow these instructions when ordering

To order please specify: 1. Model description, 2. Model number, 3. Lead equivalent, 4. Size, 5. Length taken from the middle shoulder, 6. Colour see below, 7. Any optional item.

# All of our *LytaType* personal x-ray protective clothing can be tailor made to your personal requirements

A downloadable order guide and tailor made measurements sheet is available on request.

### LytaType colours and codes



 $\label{please note the colours shown are approximate. \ A colour swatch is available on request. \\$ 

# X-ray protective clothing

#### 907 – *LytaType* double sided apron

Very popular design with a shoulder clip and fastenings on both sides. Fitted with padded shoulders for extra comfort.

#### Small for chest sizes (A) 80 – 90 cm girth

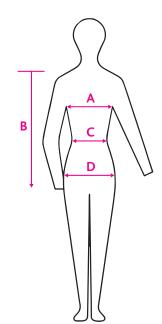
Lead equivalent (Pb)* Front and back	Length (B)	Apron width shoulder / hip	Maximum girth of waist (C) or hip (D)	Product code
0.25 / 0.25 mm	85 cm	40 cm / 60 cm	100 cm	907/22/085/S
11	90 cm	44	44	907/22/090/S
tt	100 cm	tt	tt	907/22/100/S
tt	110 cm	tt	44	907/22/110/S
0.35 / 0.35 mm	85 cm	40 cm / 60 cm	100 cm	907/33/085/S
44	90 cm	tt	44	907/33/090/S
ш	100 cm	44	44	907/33/100/S
ш	110 cm	tt	44	907/33/110/S
0.50 / 0.50 mm	85 cm	40 cm / 60 cm	100 cm	907/55/085/S
44	90 cm	tt	44	907/55/090/S
tt	100 cm	tt	tt	907/55/100/S
"	110 cm	44	и	907/55/110/S



907 Pocket 900/001 shown is an optional extra.

#### M Medium for chest sizes (A) 90 – 100 cm girth

· · · · · · · · · · · · · · · · · · ·	511636 31263 (71) 30 100	, citi giran		
0.25 / 0.25 mm	90 cm	48 cm / 60 cm	100 cm	907/22/090/M
"	100 cm	"	44	907/22/100/M
44	110 cm	44	11	907/22/110/M
0.35 / 0.35 mm	90 cm	48 cm / 60 cm	100 cm	907/33/090/M
44	100 cm	44	11	907/33/100/M
"	110 cm	44	11	907/33/110/M
0.50 / 0.50 mm	90 cm	48 cm / 60 cm	100 cm	907/55/090/M
"	100 cm	66	66	907/55/100/M
"	110 cm	44	44	907/55/110/M



#### Large for chest sizes (A) 100 - 120 cm girth

· /			
90 cm	48 cm / 75 cm	120 cm	907/22/090/L
100 cm	44	"	907/22/100/L
110 cm	44	44	907/22/110/L
90 cm	48 cm / 75 cm	120 cm	907/33/090/L
100 cm	64	"	907/33/100/L
110 cm	64	44	907/33/110/L
90 cm	48 cm / 75 cm	120 cm	907/55/090/L
100 cm	64	44	907/55/100/L
110 cm	66	66	907/55/110/L
	90 cm 100 cm 110 cm 90 cm 100 cm 110 cm 90 cm	90 cm 48 cm / 75 cm  100 cm "  110 cm "  90 cm 48 cm / 75 cm  100 cm "  110 cm "  90 cm 48 cm / 75 cm  100 cm "	100 cm " " " 110 cm " " 90 cm 48 cm / 75 cm 120 cm 100 cm " " 110 cm " " 90 cm 48 cm / 75 cm 120 cm 100 cm " "

#### Also available: -

Lead equivalent Front and back	Product code
Front 0.35 mm, back 0.25 mm @ 0.35 / 0.35 mm prices less 4%	907/32/add length/add size
Front 0.50 mm, back 0.25 mm @ 0.50 / 0.50 mm prices less 15%	907/52/add length/add size
Front 0.50 mm, back 0.35 mm @ 0.50 / 0.50 mm prices less 12%	907/53/add length/add size
Please add length and S, M, or L (small, medium or large) to the applicable product code.	
Example: 0.35 front (3), 0.25 back (2), 90 cm long and medium size:	907/32/090/M

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.

<sup>\*</sup>Pb: Lead vinyl in accordance with BS EN 61331-1 in the 50 to 150 kV range of x-ray tube voltages.





9/B15

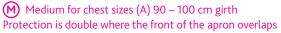
A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.

#### 905 – *LytaType* wrap-around coat

Front opening all-round coat with front VELCRO® fastening, fitted with padded shoulders for extra comfort. Wide front doubles the stated protection at the overlap.

#### (S) Small for chest sizes (A) 80 – 90 cm girth Protection is double where the front of the apron overlaps

Lead equivalent (Pb)* Front and back	Length (B)	Maximum girth of waist (C) or hip (D)	Product code
0.25 / 0.25 mm	85 cm	100 cm	905/22/085/S
"	90 cm	и	905/22/090/S
u	100 cm	и	905/22/100/S
4	110 cm	и	905/22/110/S
0.25 / 0.35 mm	85 cm	100 cm	905/23/085/S
4	90 cm	11	905/23/090/S
4	100 cm	и	905/23/100/S
"	110 cm	и	905/23/110/S
0.35 / 0.35 mm	85 cm	100 cm	905/33/085/S
u	90 cm	и	905/33/090/S
u	100 cm	и	905/33/100/S
· ·	110 cm	и	905/33/110/S



0.25 / 0.25 mm	90 cm	100 cm	905/22/090/M
ш	100 cm	tt	905/22/100/M
и	110 cm	tt	905/22/110/M
0.25 / 0.35 mm	90 cm	100 cm	905/23/090/M
ш	100 cm	tt	905/23/100/M
ш	110 cm	tt	905/23/110/M
0.35 / 0.35 mm	90 cm	100 cm	905/33/090/M
ш	100 cm	tt	905/33/100/M
tt .	110 cm	tt	905/33/110/M



905 with a wide front overlap

Optional extras shown: -Pocket 900/001 9/B15 support belt, 951/05 thyroid collar see page 37.



<sup>\*</sup>Pb: Lead vinyl in accordance with BS EN 61331-1 in the 50 to 150 kV range of x-ray tube voltages.

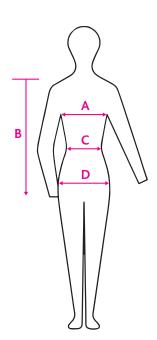
# > X-ray protective clothing continued

#### Large for chest sizes (A) 100 – 120 cm girth Protection is double where the front of the apron overlaps

Lead equivalent (Pb)* Front and back	Length (B)	Maximum girth of waist (C) or hip (D)	Product code
0.25 / 0.25 mm	90 cm	120 cm	905/22/090/L
и	100 cm	и	905/22/100/L
tt	110 cm	и	905/22/110/L
0.25 / 0.35 mm	90 cm	120 cm	905/23/090/L
tt	100 cm	и	905/23/100/L
ш	110 cm	и	905/23/110/L
0.35 / 0.35 mm	90 cm	120 cm	905/33/090/L
tt	100 cm	и	905/33/100/L
и	110 cm	и	905/33/110/L

# Also available: -

Lead equivalent front and back	Product code
Front 0.25 mm, back 0.50 mm @ 0.25 / 0.25 mm prices plus 20%	905/25/add length/add size
Front 0.35 mm, back 0.50 mm @ 0.25 / 0.25 mm prices plus 25%	905/35/add length/add size
Front 0.50 mm, back 0.50 mm @ 0.25 / 0.25 mm prices plus 30%	905/55/add length/add size
Please add length and S, M, or L (small, medium or large) to the applicable product code.	
Example: 0.25 front (2), 0.50 back (5), 90 cm long and medium size:	905/25/090/M



#### 905 – Optional extras

Description	Product code
Pocket	900/001
Embroidery in a position to be specified	9/B20
Lumbar support belt elasticated type transfers weight to the hips	9/B15
Thyroid collar	951/05

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.

#### 903 – *LytaType* wrap-around coat

Front opening all-round coat with front VELCRO® fastening, fitted with padded shoulders for extra comfort. Narrow front doubles the stated protection at an overlap of approximately 15 cm. Prices: Same as for model 905.

#### 903 – Optional extras

Description	Product code
Pocket	900/001
Embroidery in a position to be specified	9/B20
Thyroid collar	951/05

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.

\*Pb: Lead vinyl in accordance with BS EN 61331-1 in the 50 to 150 kV range of x-ray tube voltages.



Model 903

Provides front protection plus a degree at the back and to either side. Fastened at the back with elasticated straps plus cross-over ties with a front buckle.

#### S Small for chest sizes (A) 80 – 90 cm girth

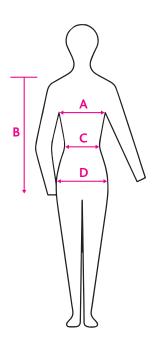
Lead equivalent (Pb)* Front and back	Length (B)	Apron width shoulder / hip	Maximum girth of waist (C) or hip (D)	Product code
0.25 / 0.25 mm	85 cm	40 cm / 60 cm	100 cm	910/22/085/S
44	90 cm	и	и	910/22/090/S
44	100 cm	"	44	910/22/100/S
44	110 cm	"	44	910/22/110/S
0.35 / 0.25 mm	85 cm	40 cm / 60 cm	100 cm	910/32/085/S
11	90 cm	и	и	910/32/090/S
44	100 cm	"	44	910/32/100/S
11	110 cm	и	"	910/32/110/S
0.50 / 0.25 mm	85 cm	40 cm / 60 cm	100 cm	910/52/085/S
44	90 cm	"	44	910/52/090/S
44	100 cm	"	44	910/52/100/S
11	110 cm	и	и	910/52/110/S



910

#### (M) Medium for chest sizes (A) 90 – 100 cm girth

	\ /	0		
0.25 / 0.25 mm	90 cm	48 cm / 60 cm	100 cm	910/22/090/M
44	100 cm	44	44	910/22/100/M
44	110 cm	66	44	910/22/110/M
0.35 / 0.25 mm	90 cm	48 cm / 60 cm	100 cm	910/32/090/M
44	100 cm	66	44	910/32/100/M
и	110 cm	44	ш	910/32/110/M
0.50 / 0.25 mm	90 cm	48 cm / 60 cm	100 cm	910/52/090/M
44	100 cm	44	44	910/52/100/M
"	110 cm	44	44	910/52/110/M



#### (L) Large for chest sizes (A) 100 - 120 cm girth

<u> </u>		0		
0.25 / 0.25 mm	90 cm	48 cm / 75 cm	120 cm	910/22/090/L
ш	100 cm	44	и	910/22/100/L
ш	110 cm	и	и	910/22/110/L
	120 cm	ш	и	910/22/120/L
0.35 / 0.25 mm	90 cm	48 cm / 75 cm	120 cm	910/32/090/L
44	100 cm	44	44	910/32/100/L
"	110 cm	44	и	910/32/110/L
44	120 cm	44	и	910/32/120/L
0.50 / 0.25 mm	90 cm	48 cm / 75 cm	120 cm	910/52/090/L
44	100 cm	44	и	910/52/100/L
ш	110 cm	ıı	и	910/52/110/L
и	120 cm	44	66	910/52/120/L

#### 910 – Optional extras

Description	Product code
Pocket	900/001
Embroidery in a position to be specified	9/B20
Lumbar support belt elasticated type transfers weight to the hips	9/B15

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.

\*Pb: Lead vinyl in accordance with BS EN 61331-1 in the 50 to 150 kV range of x-ray tube voltages.



# > X-ray protective clothing continued

# 909 – *LytaType* cross back apron

Excellent design transfers weight from the shoulders to the hips. Elasticated flaps fasten at the sides.

#### S Small for chest sizes (A) 80 – 90 cm girth

Lead equivalent (Pb)* Front and back	Length (B)	Apron width shoulder / hip	Maximum girth of waist (C) or hip (D)	Product code
0.25 / 0.25 mm	85 cm	40 cm / 60 cm	100 cm	909/22/085/S
44	90 cm	44	u	909/22/090/S
и	100 cm	44	· ·	909/22/100/S
и	110 cm	44	u	909/22/110/S
0.35 / 0.25 mm	85 cm	40 cm / 60 cm	100 cm	909/32/085/S
44	90 cm	44	u	909/32/090/S
44	100 cm	44	u	909/32/100/S
и	110 cm	44	"	909/32/110/S
0.50 / 0.25 mm	85 cm	40 cm / 60 cm	100 cm	909/52/085/S
и	90 cm	44	u	909/52/090/S
11	100 cm	11	"	909/52/100/S
	110 cm	и	u	909/52/110/S

#### Medium for chest sizes (A) 90 – 100 cm girth

0.25 / 0.25 mm	90 cm	48 cm / 60 cm	100 cm	909/22/090/M
44	100 cm	64	66	909/22/100/M
44	110 cm	66	66	909/22/110/M
0.35 / 0.25 mm	90 cm	48 cm / 60 cm	100 cm	909/32/090/M
44	100 cm	44	11	909/32/100/M
44	110 cm	44	66	909/32/110/M
0.50 / 0.25 mm	90 cm	48 cm / 60 cm	100 cm	909/52/090/M
44	100 cm	64	66	909/52/100/M
44	110 cm	44	66	909/52/110/M



<u> </u>	, ,	•		
0.25 / 0.25 mm	90 cm	48 cm / 75 cm	120 cm	909/22/090/L
u	100 cm	44	и	909/22/100/L
u	110 cm	44	**	909/22/110/L
0.35 / 0.25 mm	90 cm	48 cm / 75 cm	120 cm	909/32/090/L
"	100 cm	11	11	909/32/100/L
"	110 cm	11	11	909/32/110/L
0.50 / 0.25 mm	90 cm	48 cm / 75 cm	120 cm	909/52/090/L
44	100 cm	44	**	909/52/100/L
44	110 cm	11	11	909/52/110/L

# 911 – *LytaType* cross back apron

Excellent design transfers weight from the shoulders to the hips. Similar to model 909 but an elasticated front fastening belt. Prices: Same as for model 909.

Measurements: Same as model 909.

### 909/911 – Optional extras

Description	Product code
Pocket	900/001
Embroidery in a position to be specified	9/B20

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.









<sup>\*</sup>Pb: Lead vinyl in accordance with BS EN 61331-1 in the 50 to 150 kV range of x-ray tube voltages.

VELCRO® fastened overlapping front provides all round protection. Front doubles the stated protection at an overlap of approximately 15 cm.

#### S Small for chest sizes (A) 80 – 90 cm girth

Lead equivalent (Pb)* Front and back	Length (B)	Maximum girth	Product code
0.25 / 0.25 mm	52 cm	100 cm	915/22/S
0.25 / 0.35 mm	52 cm	"	915/23/S
0.35 / 0.35 mm	52 cm	"	915/33/S

#### Medium for chest sizes (A) 90 – 100 cm girth

0.25 / 0.25 mm	58 cm	100 cm	915/22/M
0.25 / 0.35 mm	58 cm	и	915/23/M
0.35 / 0.35 mm	58 cm	44	915/33/M

#### (L) Large for chest sizes (A) 100 – 120 cm girth

0.25 / 0.25 mm	65 cm	120 cm	915/22/L
0.25 / 0.35 mm	65 cm	ш	915/23/L
0.35 / 0.35 mm	65 cm	tt	915/33/L

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.



915 & 919 Pockets 900/001 shown are optional extras



915

### 919 – *LytaType* kilt (skirt)

Front doubles the stated protection at the overlap.

Front overlap of up to 15 cm provides extra central protection. Fitted with VELCRO® and belt fastening.

#### S Small for waist sizes (C) 70 – 84 cm girth

Lead equivalent (Pb)* Front and back	Length	Product code
0.25 / 0.25 mm	55 cm	919/22/S
0.25 / 0.35 mm	55 cm	919/23/S
0.35 / 0.35 mm	55 cm	919/33/S

#### Medium for waist sizes (C) 78 – 99 cm girth

0.25 / 0.25 mm	60 cm	919/22/M
0.25 / 0.35 mm	60 cm	919/23/M
0.35 / 0.35 mm	60 cm	919/33/M

#### Large for waist sizes (C) 90 – 115 cm girth

0.25 / 0.25 mm	65 cm	919/22/L
0.25 / 0.35 mm	65 cm	919/23/L
0.35 / 0.35 mm	65 cm	919/33/L

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.

\*Pb: Lead vinyl in accordance with BS EN 61331-1 in the 50 to 150 kV range of x-ray tube voltages.



919 Pockets 900/001 shown are optional extras



# > X-ray protective clothing continued

# 917 – *LytaType* double-sided short top apron

An alternative to model 915 for use with Kilt model 919. Fitted with a shoulder clip and fastenings on both sides.

#### S Small for chest sizes (A) 80 – 90 cm girth

Lead equivalent (Pb)* Front and back	Length (B)	Apron width shoulder / hip	Maximum girth	Product code
0.25 / 0.25 mm	52 cm	40 cm / 60 cm	100 cm	917/22/S
0.35 / 0.25 mm	52 cm	и	и	917/32/S
0.35 / 0.35 mm	52 cm	и	16	917/33/S

### M Medium for chest sizes (A) 90 – 100 cm girth

0.25 / 0.25 mm	58 cm	48 cm / 60 cm	100 cm	917/22/M
0.35 / 0.25 mm	58 cm	и	u	917/32/M
0.35 / 0.35 mm	58 cm	и	и	917/33/M

#### (L) Large for chest sizes (A) 100 – 120 cm girth

2 2a/go for direct sizes (i.i.) for 120 arr girdin				
0.25 / 0.25 mm	70 cm	48 cm / 75 cm	120 cm	917/22/L
0.35 / 0.25 mm	70 cm	tt	44	917/32/L
0.35 / 0.35 mm	70 cm	"	11	917/33/L



017

#### 915/919/917 - Optional extras

Description	Product code
Pocket	900/001
Embroidery in a position to be specified	9/B20

A downloadable order guide and tailor made measurements sheet is available on request. For colours please see page 29.

#### 921 – *LytaType* demi apron

Lower body aprons fitted with a soft vinyl covered spring waistband.

Lead equivalent (Pb)*	Size	Length	Width	Product code
0.5 mm	Toddler	25 cm	25 cm	921/05/01
	Child	30 cm	30 cm	921/05/02
	Adult	37 cm	40 cm	921/05/03
	Large adult	45 cm	50 cm	921/05/04

#### 921-V – *LytaType* demi apron

Lower body aprons fitted with a VELCRO® fastening belt.

Lead equivalent (Pb)*	Size	Length	Width	Product code
0.5 mm	Toddler	25 cm	25 cm	921-V/05/01
	Child	30 cm	30 cm	921-V/05/02
	Adult	37 cm	40 cm	921-V/05/03
	Large adult	45 cm	50 cm	921-V/05/04



921

For colours please see page 29.

<sup>\*</sup>Pb: Lead vinyl in accordance with BS EN 61331-1 in the 50 to 150 kV range of x-ray tube voltages.

Collar and bib type for the best fit and comfort.

- Soft flexible and adjustable for any neck size.
- Provides optimum protection to the thyroid area.
- Lead equivalent 0.5 mm VELCRO® closure.

951/05

For colours please see page 29.



951/05

# 953/05 – Thyroid collar

One-piece design without edge binding.

- Very soft and flexible.
- Lead equivalent 0.5 mm.
- VELCRO® closure for any neck size.

Description	Product code
Thyroid collar	953/05



For colours please see page 29.

### 278 – Ovary shields

 $Provides\ maximum\ protection\ without\ interfering\ with\ diagnostically\ important\ areas\ of\ image.$ 1.0 mm Pb equivalent shields adjust in a fan-wise fashion to fit the pelvis.

Description	Product code
Ovary shields set of 3 sizes	278/SET



#### 299 – T shape gonad shields

2.0 mm lead centre section encased in tough plastic.

Description	Product code
T shape shields set of 3 sizes	299/SET



299



# > X-ray protective clothing continued

#### 265 – Radiation protective glasses

Optically correct 0.75 mm Pb lead glass lenses with 0.50 mm lead foil side protection.

Description	Product code
Radiation protective glasses	265/SW/S





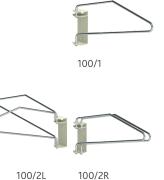
# **Apron storage racks** Models 100/102/103

#### 100 – Multiform apron wall console

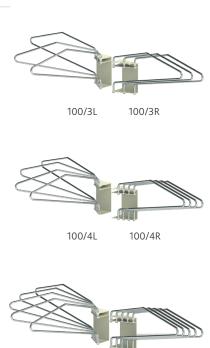
A swivel hanger rack that prolongs the life of protective clothing.

- Occupies minimal wall space.
- Clothing is clearly arranged.
- Shaped hangers extend the service life of protective clothing.
- · Hangers fan out from the wall for immediate access, or fold flat when fully loaded.
- Left and right racks together provide storage for up to 10 aprons.

Description	Product code
1 swivel arm (180° movement)	100/1
2 arms swivel to the right	100/2R
2 arms swivel to the left	100/2L
arms swivel to the right	100/3R
3 arms swivel to the left	100/3L
arms swivel to the right	100/4R
arms swivel to the left	100/4L
arms swivel to the right	100/5R
5 arms swivel to the left	100/5L







100/5L

100/5R

### 102/C – Mobile swivel arm apron rack

Ideal for departments where wall racks cannot be installed.

- Hangers fan so aprons can to selected, removed and replaced with ease.
- Racks are compact and can be parked at any convenient location and moved as required.
- The hanger profile provides correct storage for protective clothing.

#### Dimensions: 61 cm wide x 64 cm deep x 155 cm high.

Description	Product code
Rack for up to 6 garments	102/C/06
Rack for up to 11 garments	102/C/11



102/C/11

#### 100 – Kilt / skirt hooks

A pair of hooks can be simply added to a swivel hanger at any time.

- Kilts with internal fitted loops can be suspended from the hooks.
- Use with models 100 and 102.

Description	Product code
Hooks, per pair	100/428



100/428

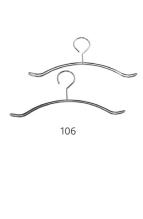
#### 103 – Mobile apron rail

Accommodates aprons on optional coat hangers.

#### Dimensions: 57 cm wide x 61 cm deep x 140 cm high.

Description	Product code
Mobile apron rail	103
Coat hanger	106





# Terms and conditions

#### **Acceptance of orders**

Orders are accepted subject to the following business terms and conditions: -

#### Price list

All prices listed are in GB Pounds Sterling, are provisional only and are subject to alteration without notice. Unless otherwise agreed, prices are for goods EX WORKS Harlow (EXW) in accordance with the International Chamber of Commerce (ICC) trade terms: Incoterms 2020. Prices are exclusive of VAT. VAT if applicable will be charged at the current rate.

#### Terms of payment

Credit accounts are strictly net payable within 30 days of invoice date.

#### Carriage

As a general rule carriage will be charged at cost, with shipments made at the purchaser's risk. If transport insurance is requested and undertaken it will be charged to the purchaser as an additional cost. Unless we are given specific instructions we select the manner and route of shipment.

#### Damage or loss in transit

Any claim made concerning damage or shortages must be made in writing to us within 3 days of delivery of the goods. Any claim for non-delivery must be made in writing to us within 14 days from the date of our invoice. Original packaging must be retained.

#### Retention of title

Not withstanding that delivery of the goods has been made, they remain the property of Kenex until payment is made in full.

#### Time of delivery

Every effort will be made to adhere to quoted delivery times. However, no liability can be accepted for any losses incurred by the purchaser for a failure to deliver within the stated period. Delays shall not entitle the purchaser to cancel the order nor to claim damages. We reserve the right to make partial deliveries.

#### Guarantee

We will make good at our discretion by repair or by the supply of a replacement, defects that appear in the goods of our manufacture and arise solely from faulty workmanship or materials, provided that the goods are returned to us carriage paid within one year from the date of delivery. Goods subject to fair wear & tear, misuse or inadequate maintenance are excluded. Any claim under this guarantee shall be limited to the cost of the goods.

#### Limitation of liability

Other than the statements made in Kenex literature, no warranty is expressed or implied as to the suitability of any product for any purpose. Purchasers must satisfy themselves on this point. Persons authorised to select or use Kenex X-ray protective garments, shields or other products must be aware of the dangers of exposure to radiation.

#### **Specifications & descriptions**

Technical data, dimensions, weights and illustrations are typical and not binding. Kenex reserve the right to improve or amend any product without notice.

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#### Quality management systems and certification

Kenex is compliant and certified according to the following regulations and standards regarding design and manufacture of medical devices: -

2017/745 Medical device regulation (MDR)

2016/425 Personal protective equipment (PPE)

EN ISO 9001 (Quality management systems requirements)

EN ISO 13485 (Quality management systems for medical devices)

EN 61331-1 (Determination of x-ray attenuation properties)

EN 61331-2 (Translucent protective plates)

EN 61331-3 (X-ray protective clothing)

EN 60601-1 (Medical electrical equipment – basic safety and essential performance)

Where appropriate Kenex products are CE certified and most are UL classified.







Kenex (Electro-Medical) limited was established in 1970





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