Экраны, контейнеры радиационно-защитные CARL ROTH SEKUROKA

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Shields/radiation protection

Radiation protection shield SEKUROKA®

ROTH SELECTION. Material: PMMA, transparent.

For protection during work with radioactive samples or solutions which emit beta radiation (^{32}P) or gamma radiation (^{125}J). Made of transparent acrylic glass for protection against beta radiation or of leaded acrylic glass for protection against gamma radiation. Inclination angle of 15° to reduce light reflections.
Screens with a bent base are suitable for use with protection trays.

With flat base

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
β radiation	300 x 300 x 450	10	**E041.1**	1 unit(s)	
γ radiation	300 x 300 x 450	12	**EXN7.1**	1 unit(s)	

With bent base

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
β radiation	300 x 150 x 450	10	**EXN8.1**	1 unit(s)	
γ radiation	300 x 150 x 450	12	**E042.1**	1 unit(s)	

Duo

Made of two layers, acrylic and leaded acrylic. 15° inclination angle. With bent base.

For protection against	W x D x H, total (mm)	Art. No.	Pack Qty.	
β and γ radiation	300 x 150 x 450	**EXN9.1**	1 unit(s)	

Radiation protection shield SEKUROKA® adjustable

ROTH SELECTION. Material: PMMA, transparent.

Made of transparent acrylic glass or acrylic glass containing lead. Protects against beta radiation or gamma radiation depending on the design. The tilt of the screen can be adjusted by up to 15°.

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
β radiation	350 x 240 x 540	10	**E008.1**	1 unit(s)	
γ radiation	350 x 240 x 540	12	**E009.1**	1 unit(s)	

Radiation protection shield SEKUROKA® angled

ROTH SELECTION. Material: PMMA, transparent or containing lead.

For protection when working with radio-isotope solutions, available for protection against either beta (^{32}P) or gamma (^{125}J) radiation. Front section angled at 45°. With a curved base for use with protection trays.

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
β radiation	300 x 150 x 450	10	**K562.1**	1 unit(s)	
γ radiation	300 x 150 x 450	12	**K564.1**	1 unit(s)	

Radiation protection shield SEKUROKA® bent

ROTH SELECTION. Material: PMMA, transparent.

Made of transparent acrylic glass, for working with radio isotopic solutions that emit beta–radiation, e.g. ^{32}P, ^{14}C or ^{35}S. With chamfered front section and rounded-off edges. Stability ensured by four rubber studs on the base plate. Bent from a single piece.

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
β radiation	350 x 300 x 500	10	**9764.1**	1 unit(s)	

Shields/radiation protection

Radiation protection shield SEKUROKA® hourglass shape

ROTH SELECTION. Material: PMMA, transparent or containing lead.

For protection against beta or gamma radiation.
Inclination angle of 15° to reduce light reflections.
For protection during work with radioactive samples and solutions which emit beta radiation (^{32}P) or gamma radiation (^{125}J).
Screens with a bent base are suitable for use with protection trays.
The bent shape with cut-outs at the sides allows for greater freedom of movement in order to eliminate fatigue when working.

With flat base

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
β radiation	300 x 300 x 450	10	**EYN3.1**	1 unit(s)	
γ radiation	300 x 300 x 450	12	**EYN4.1**	1 unit(s)	

With bent base

For protection against	W x D x H, total (mm)	Wall thickness (mm)	Art. No.	Pack Qty.	
β radiation	300 x 150 x 450	10	**EYN5.1**	1 unit(s)	
γ radiation	300 x 150 x 450	12	**EYN6.1**	1 unit(s)	

Radiation protection box SEKUROKA®

ROTH SELECTION. Material: PMMA, transparent or containing lead.

For protection against beta or gamma radiation.
For storage and transportation of radioactive samples and solutions.
Each box has a hinged lid and slip-resistant feet.

Beta radiation protection

Type	L x W x H, external (mm)	L x W x H, interior (mm)	Art. No.	Pack Qty.	
Mini	109 x 109 x 79	85 x 85 x 55	**EXT0.1**	1 unit(s)	
Midi	185 x 105 x 80	165 x 85 x 60	**K565.1**	1 unit(s)	
Maxi	300 x 185 x 160	280 x 165 x 140	**L424.1**	1 unit(s)	

Gamma radiation protection

Type	L x W x H, external (mm)	L x W x H, interior (mm)	Art. No.	Pack Qty.	
Mini	109 x 109 x 79	85 x 85 x 55	**EXT1.1**	1 unit(s)	
Midi	189 x 109 x 84	165 x 85 x 60	**K566.1**	1 unit(s)	
Maxi	304 x 189 x 164	280 x 165 x 140	**L425.1**	1 unit(s)	

Reaction vial stands SEKUROKA®

ROTH SELECTION. Material: PMMA.

Maxi boxes can accommodate up to three midi stands.

For mini radiation protection box

Suitable for	No. of slots	Art. No.	Pack Qty.	
0.5 ml reaction vials	20	**EXT2.1**	1 unit(s)	
1.5 ml reaction vials	16	**EXT3.1**	1 unit(s)	

For midi radiation protection box

Suitable for	No. of slots	Art. No.	Pack Qty.	
0.5 ml reaction vials	40	**EXT4.1**	1 unit(s)	
2 ml cryogenic vials	32	**EXT5.1**	1 unit(s)	
1.5 ml reaction vials	32	**K568.1**	1 unit(s)	

For maxi radiation protection box

Suitable for	No. of slots	Art. No.	Pack Qty.	
5 ml scintillation vials	15	**EXT6.1**	1 unit(s)	
20 ml scintillation vials	8	**EXT7.1**	1 unit(s)	

Radiation protection waste container SEKUROKA®

ROTH SELECTION. Material: PMMA, Containing lead.

For protection against beta radiation. For collecting contaminated pipette tips, cannulae, reaction vials, etc.
Opening Ø 25 mm in lid. Additional hinged lid for closing this opening.
With four rubber studs on the base plate to prevent slipping.

L x W x H, external (mm)	Art. No.	Pack Qty.	
150 x 150 x 150	**E267.1**	1 unit(s)	

Waste bags SEKUROKA® for source containers

ROTH SELECTION. Material: PE, extra strong.

For E267.1 waste container. With double welded seams for increased leak protection and double drawstring closure for secure storage of the radioactive waste in the bag during disposal. The radioactive hazard symbol and a max. fill level line are printed on the container.

L x W x H (mm)	Art. No.	Pack Qty.	
120 x 130 x 140	**K178.1**	25 unit(s)	

Shields/radiation protection

Radiation protection waste containers SEKUROKA®

ROTH SELECTION. Material: PMMA, transparent.

For storage and transportation of radioactive samples and solutions. Made of transparent acrylic glass for protection against beta radiation or of leaded acrylic glass for protection against gamma radiation.
The 47 l container is equipped with rollers – for easy transportation.

Beta radiation protection

Vol. (l)	L x W x H, interior (mm)	Art. No.	Pack Qty.	
1	100 x 80 x 130	**EYN7.1**	1 unit(s)	
3.3	150 x 150 x 150	**C975.1**	1 unit(s)	
10	200 x 200 x 250	**C976.1**	1 unit(s)	
20	215 x 235 x 380	**EYN8.1**	1 unit(s)	
47	285 x 270 x 580	**EYN9.1**	1 unit(s)	
53	490 x 270 x 400	**C977.1**	1 unit(s)	

Gamma radiation protection

Vol. (l)	L x W x H, interior (mm)	Art. No.	Pack Qty.	
1	100 x 80 x 130	**EYP0.1**	1 unit(s)	
3.3	150 x 150 x 150	**EYP1.1**	1 unit(s)	

Protection tray SEKUROKA®

ROTH SELECTION.

To protect the desk or laboratory bench against contamination from radioactive substances or spilt reagents. Easy to clean.
With stable edging. The trays should be used together with the anti-static inserts made of transparent PET.

Yellow

Material: PVC in signal colour. For work with radioactive substances.

L x W x H, external (mm)	Art. No.	Pack Qty.	
460 x 260 x 20	**EXL3.1**	1 unit(s)	
540 x 340 x 20	**EXL4.1**	1 unit(s)	
570 x 540 x 20	**LN79.1**	1 unit(s)	
680 x 540 x 20	**EXL5.1**	1 unit(s)	
700 x 460 x 20	**EXL6.1**	1 unit(s)	
1130 x 540 x 20	**LN78.1**	1 unit(s)	

White

Material: PVC in signal colour. For general work.

L x W x H, external (mm)	Art. No.	Pack Qty.	
460 x 260 x 20	**EXL7.1**	1 unit(s)	
540 x 340 x 20	**EXL8.1**	1 unit(s)	
570 x 540 x 20	**EXL9.1**	1 unit(s)	
680 x 540 x 20	**EXN0.1**	1 unit(s)	
700 x 460 x 20	**EXN1.1**	1 unit(s)	
1130 x 540 x 20	**EXN2.1**	1 unit(s)	

Protection tray inserts

Material: PET transparent.

The flexible anti-static inserts fit exactly into the trays provided and can be disposed of or reused as required.

L x W x H, external (mm)	Art. No.	Pack Qty.	
460 x 260 x 20	**EXN3.1**	25 unit(s)	
540 x 340 x 20	**EXN4.1**	25 unit(s)	
570 x 540 x 20	**LN81.1**	25 unit(s)	
680 x 540 x 20	**EXN5.1**	25 unit(s)	
700 x 460 x 20	**EXN6.1**	25 unit(s)	
1130 x 540 x 20	**LN80.1**	25 unit(s)	

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