

Ceiling-Mounted Radiation Protection.

Specifications & Ordering Information



Overhead protection with LED light on a ceiling rail



Overhead Protective Shields

Ceiling- and overhead-mounted radiation protection minimises the scattered-radiation dose to the head, eye lens and upper body – and allows immediate access to the patient in an emergency. Stationary installations or ones travelling on ceiling rails are possible, optionally with an integrated LED light.

- Transparent lead-acrylic shields for a clear view with continuous protection.
- Stationary, wall- or rail-mounted (travelling) – depending on requirements.
- 360° ball joint or horizontal swivel joint for flexible positioning.
- Optionally with an integrated LED surgical/examination light.



354



351



350



354/P/88-207/LR



308



LED System

> Ceiling-Mounted Radiation Protection Overhead Protective Shields

Suspended protection with a central mount

354



Transparent, centrally mounted upper-body radiation-protection shield – with or without a patient-contour corner cut-out. The central ball joint allows 360° rotation and tilt in portrait format.

Technical Data	
Lead Equivalent	0.5 mm lead acrylic
Shield sizes	85 × 80 cm (corner cut-out) · 76 × 61 cm (standard) · 76 × 61 cm (corner cut-out) · 40 × 50 cm
Movement	360° ball joint (portrait format)
Optional	flexible 0.5 mm lead panels on the lower profile · ceiling-column lengths made to measure

Version · Code	Size & Mounting
354/P/76-001	76 × 61 cm + patient contour · stationary ceiling-mounted
354/P/76-0031	76 × 61 cm + patient contour · travelling ceiling trolley & rail
354/P/76-005	76 × 61 cm + patient contour · wall-mounted
354/P/76-007	76 × 61 cm + patient contour · shield only
354/76-001	76 × 61 cm · stationary ceiling-mounted
354/76-0031	76 × 61 cm · travelling ceiling trolley & rail
354/76-005	76 × 61 cm · wall-mounted
354/45-001	40 × 50 cm · stationary ceiling-mounted
354/45-0031	40 × 50 cm · travelling ceiling trolley & rail
354/45-005	40 × 50 cm · wall-mounted

Mounting code: -001 stationary ceiling-mounted (80 cm column & support arm) · -0031 travelling ceiling trolley & rail (250 / 420 cm) · -005 wall-mounted · -006 shield & support arm · -007 shield only. Optional lower curtain: 354 & 351 P LR. 85 × 61 cm with patient contour on request.

Suspended protection with a horizontal swivel joint

351



Transparent upper-body radiation-protection shield in landscape format – with or without a patient-contour corner cut-out (corner cut-out only for 60 × 80 cm). Swivels about the central horizontal axis.

Technical Data

Lead Equivalent	0.5 mm lead acrylic
Shield sizes	60 × 80 cm · 60 × 80 cm (corner cut-out) · 40 × 50 cm
Movement	horizontal swivel joint (central axis)
Optional	flexible 0.5 mm lead panels on the lower profile · ceiling-column lengths made to measure

Version · Code	Size & Mounting
351/P/68-001	60 × 80 cm + patient contour · stationary ceiling-mounted
351/P/68-0031	60 × 80 cm + patient contour · travelling ceiling trolley & rail
351/P/68-005	60 × 80 cm + patient contour · wall-mounted
351/68-001	60 × 80 cm · stationary ceiling-mounted
351/68-0031	60 × 80 cm · travelling ceiling trolley & rail
351/68-005	60 × 80 cm · wall-mounted
351/45-001	40 × 50 cm · stationary ceiling-mounted
351/45-0031	40 × 50 cm · travelling ceiling trolley & rail
351/45-005	40 × 50 cm · wall-mounted

Mounting code: -001 stationary ceiling-mounted (80 cm column & support arm) · -0031 travelling ceiling trolley & rail (250 / 420 cm) · -005 wall-mounted · -006 shield & support arm · -007 shield only. Optional lower curtain: 354 & 351 P LR.

Suspended protection for eyes & thyroid

350



Transparent shield specially for protecting the eyes and thyroid with a flexible lower curtain. Swivels about the central horizontal axis.

Technical Data

Shield	transparent lead glass · min. 2.2 mm Pb
Lower curtain	flexible · 0.5 mm Pb
Shield sizes	40 × 50 cm · 30 × 40 cm
Movement	horizontal swivel joint (central axis)

Version · Code	Size & Mounting
350/45-001	40 × 50 cm · stationary ceiling-mounted
350/45-0031	40 × 50 cm · travelling ceiling trolley & rail
350/45-005	40 × 50 cm · wall-mounted
350/45-006	40 × 50 cm · shield & support arm
350/45-007	40 × 50 cm · shield only
350/34-001	30 × 40 cm · stationary ceiling-mounted
350/34-0031	30 × 40 cm · travelling ceiling trolley & rail
350/34-005	30 × 40 cm · wall-mounted
350/34-006	30 × 40 cm · shield & support arm
350/34-007	30 × 40 cm · shield only

Mounting code: -001 stationary ceiling-mounted (80 cm column & support arm) · -0031 travelling ceiling trolley & rail (250 / 420 cm) · -005 wall-mounted · -006 shield & support arm · -007 shield only.

Lead-acrylic shield with curtain · Flexible overhead shield

354/P/88-207/LR · 308



354/P/88-207/LR · Lead acrylic with curtain

Centrally mounted lead-acrylic shield with a patient-contour corner cut-out and a flexible curtain, for attachment to a VALiA MD21+ support arm; central joint with 360° rotation.

Technical Data	
Dimensions	85 × 80 cm
Lead Acrylic	0.5 mm Pb (@150 kV)
Curtain	0.5 mm Pb, over the 80 cm lower profile
Corner cut-out	configurable left or right
Weight	15.8 kg · delivered disassembled



308 · Overhead lead shield, flexible

Overhead shield made of overlapping panels with a fold-up centre section (press-stud fixing). Flexible lead vinyl, including support arm.

Technical Data	
Dimensions	50 cm high × 100 cm wide
Lead Equivalent	flexible 0.5 mm Pb (lead vinyl)
Centre section	fold-up, press-stud fixed
Mounting	stationary · wall · ceiling rail (250 cm)

Note: For the flexible shield 308, combination systems with 2 support arms and a lamp head are available on request.

LED Lighting

354/P76/LED · 351/P68/LED · 350/45/LED



Shield + LED light on a ceiling rail

The overhead shields 354, 351 and 350 are available as a combination with an integrated LED surgical/examination light. Stationary or rail-mounted installations; for electrically operated devices, cable management (energy chain) is required.

Shield/LED combinations

354/P76/LED	central mount 76 × 61 cm + LED
351/P68/LED	swivel joint 60 × 80 cm + LED
350/45/LED	eyes & thyroid 40 × 50 cm + LED
351/68/LED130F	swivel shield 60 × 80 cm (without corner cut-out) + LED 130F

LED option	Output
LED 130F	70,000 lux · lamp head 33 cm · 19 LEDs
LED 150F	110,000 lux · lamp head 40 cm · 26 LEDs
LED 300DF SC	160,000 lux · lamp head 55 cm · 36 LEDs

Mounting: Stationary with an 80 cm ceiling column & 2 support arms (-001) or a ceiling rail 250 / 420 cm with trolley (-0031), optionally with an energy chain (cable management). Bespoke column and rail lengths on request.

Ceiling Mounting & Suspension

3001/TC · 300/COLUMN · 300/P/014 · 300/P/012



3001/TC · Ceiling rail & trolley

Robust, patented aluminium ceiling rail by KENEX with a smooth-running trolley (1 trolley included). Up to 2 trolleys allow the independent movement of up to 4 devices. The optional energy chain fits flush into the rail, carries power or contrast-medium cables and is also retrofittable.

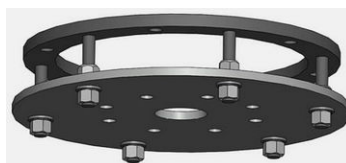
Version · Code	Description
3001/TC/250	Aluminium ceiling rail 2.5 m
3001/TC/420	Aluminium ceiling rail 4.2 m
3001/TC/250/EC	Energy chain 2.5 m · cable management
3001/TC/420/EC	Energy chain 4.2 m · cable management

Mounting & installation aids



300/COLUMN · Ceiling column with double joint

Steel ceiling column with two joints as a load-bearing base for shield and support arm; lengths made to measure.



300/P/014 · Anchoring ring & plate

For small ceiling voids of 8.5–30 cm; secure fastening of the ceiling column to the structural ceiling.



300/P/012 · Ceiling-void anchor

Mounting platform for the space between suspended and solid ceiling (up to 90 cm). Delivered disassembled, precisely adjustable; column not included.

Note: Cable management (energy chain) is required when electrically operated devices (e.g. LED lights) are suspended. Custom lengths for rails and columns on request.

CONTACT

Your Partner for Radiation Protection.

We source and supply certified medical devices. Beyond that, we procure almost any product independently of the manufacturer and equip entire areas on a project basis.

medeqon GmbH

Engineering Office for Medical Technology

Bergstrasse 42/5/3

2102 Hagenbrunn · Austria

office@medeqon.com

+43 1 3580045

www.medeqon.com