



# Collimat Family

## Collimators

### Product Highlights

- Modular design concept, *manual, motorized and automatic (CAN)*
- Highest light density in market with POWER LED technology
- Guarantees a lifetime of more than 10 years with low lifecycle cost

## Technical Features

- Adaptable to most of common tube assemblies
- No additional hardware necessary (e.g. power supply, cables)

## Technical Data

Collimat Family	
Distance focus – Coupling flange interface plane	64mm ±2mm
Leakage radiation	< 0.43mGy/h (or < 50mR/h) at 100cm
Inherent filtration	0.9mm Al eq. @ 75kV
Power supply	U = 12... 24V AC / DC <sup>1)</sup> I < 0,5A
(Bucky) light timer	30...60 s programmable (10s steps)
POWER LED light beam	3.3V / 4W
Density	Min. 200 Lux / 1m (40 x 40 cm)
Contrast	6:1
Bucky centering LASER light (option)	5V/80mA (1mW Laser)
Tape measure (option)	30... 300cm (12...118inch)
Weight	8.5 kg
Dimensions (L x W x H):	
Standard	287mm x 203mm x 182mm
With tape measure option	287mm x 225mm x 182mm

<sup>1)</sup> Power supply for collimator light and timer, separate motor supply 24V DC

## Options

- Motorized shutters (analogue Interface)
- Automatic version (CAN Interface) (wip available 3.quarter 11)
- Slit laser
- Ruler for CAN, ruler, manual
- PreLoc
- Light-beam alignment
- Operating knobs lateral
- Automatic filterwheel (wip, available 3.quarter 11)
- Manual filterwheel (wip, available 3.quarter 11)
- Transparent filter 0,1 Cu + 1 mm Al
- Transparent filter 0,2 Cu + 1 mm Al
- Siemens adapter
- Cable set collimat manual
- Cable set collimat motorized / automatic
- Colour: Standard RAL 9002 (other colours on request)