

## SSMC 701 (M3/ENL)

The Claymount SSMC 701 is a solid state measuring chamber intended to measure the dose of X-rays in Mammography applications.

### Features

- Flat design
- Highly efficient
- Scatter free
- Mechanically stable
- Very reliable
- User friendly

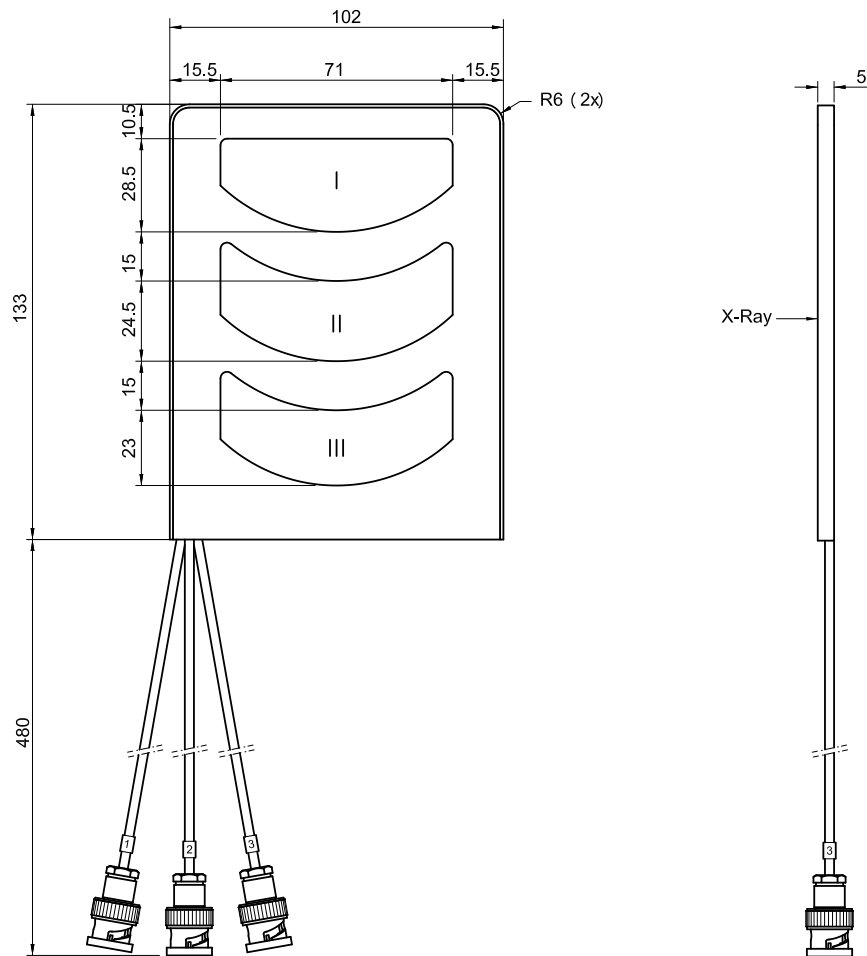
### Description

The SSMC 701 is placed in the X-ray path behind the imaging device (film, detector) in order to detect the dose value for the automatic exposure control (AEC).

X-ray scattering has been brought back to the bare minimum to improve the brightness of the image. Solid state measuring chamber design and reliability have proven themselves in the installed base of 30.000 units within today's toughest radiology environments and will meet the strongest requirements of tomorrow.

## Outline Drawing SSMC 701

Dimensions in mm



### Technical data

Number of measuring fields	3
kV range	20-40 kV
Exposure time range	< 2 ms – 6 s
Sensitivity typ at 26kV, 0.5mm Be + 30 $\mu$ m Mo, 40mm PMMA	$7.5 \times 10^{-10}$ A/ $\mu$ Gy/s
Connectors	BNC
Weight	110 gr