



INDEPENDENT X-RAY  
QUALITY ASSURANCE



## RTI Slit Camera | Specifications

# For X-ray field focal spot measurements

The RTI Slit Camera is designed for accurate X-ray tube focal spot measurements, ensuring the focal spot size remains within acceptable limits. It can be rotated 90 degrees within its holder, allowing for both length and width measurements with a single slit alignment – streamlining the measurement process.

### Focal spot measurements

The RTI Slit Camera for X-ray focal spot measurements comes with a stand featuring an adjustable rod and includes a tilting device for added versatility.

### 90-degree rotation

The camera can be rotated 90 degrees in its holder. This simplifies the process of measuring both the length and width of the focal spot, as the slit only needs to be aligned once.

### Tilting for mammography

The tilting device enables accurate measurements when the reference position is not orthogonal to the image plane – a common scenario in mammography systems.

### Highlights

- Single alignment for both measurements
- One slit for both width and length
- Ideal for mammography applications
- Compatible with any image receptor

### General Specifications

Art No	9707030-00
Supporting standards	IEC 60336
Operating temperature	Radiographic, CT, Mammographic, & Dental
kV range	18 – 150 kV
Measurement range	0.1 – 5 mm
Enlargement factor E	0.8 – 5
E = n/m, where	n = slit to detector distance m = slit to focal spot distance
Slit holder size	118.5 x 42 x 6
Slit dimensions	10 µm (as defined by IEC 60336)
Slit material	Tungsten (W, 99.9%)

