

RTI Slit CAM



RTI

From Radiation
to Information

Focal Spot Measurements

The RTI Slit Camera for x-ray focal spot measurements, to assure that the tube and x-ray tube focal spot size is within acceptable limits. The Slit Camera can be rotated 90 degrees in the Slit Camera holder. The 90 degree rotation simplifies the measurement of length and width measurements of the focal spot since the slit only have to be aligned once.



RTI – World Headquarters

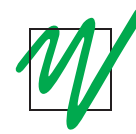
Flöjelbergsgatan 8 C
SE-431 37 Mölndal
SWEDEN

Phone: + 46 31 746 36 00
E-mail: sales@rtigroup.com
www.rtigroup.com

RTI – US Office

33 Jacksonville Road, Bldg. 1
Towaco, NJ 07082
USA

Phone: 1-800-222-7537
E-mail: sales.us@rtigroup.com
www.rtigroup.com

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RTI Slit CAM for Focal Spot

The RTI Slit Camera for x-ray focal spot measurement comes with a stand with an adjustable rod. Optionally also a tilting device is available.

90 Degree Rotation

The Slit Camera can be rotated 90 degrees in the Slit Camera holder. The 90 degree rotation simplifies the measurement of length and width measurements of the focal spot since the slit only have to be aligned once.



Tilting for Mammography

The optional tilting device enables measurements where the reference position is not orthogonal to the image plane, which is normal in mammography.

Highlights

- Only aligned once
- One slit for both width and length
- Ideal also for mammography
- For use with any image receptor

**Focal Spot**

Specifications

General

Supporting standards.....IEC 60336
Tube focal spot types.....Radiographic, CT, Mammographic, Dental
kV range.....18 – 150 kV

Enlargement factor E.....0.8 – 5

E = n/m, where:

n = slit to detector distance

m = slit to focal spot distance

Measurement range.....0.1 – 5 mm

Dimensions

Slit holder size.....97 x 34 x 6 mm

Slit dimensions.....10 μ m (as defined by IEC 60336)

Slit material.....Tungsten (W, 99.9 %)