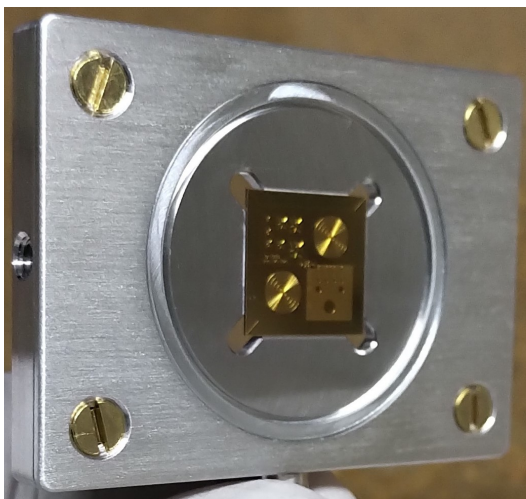
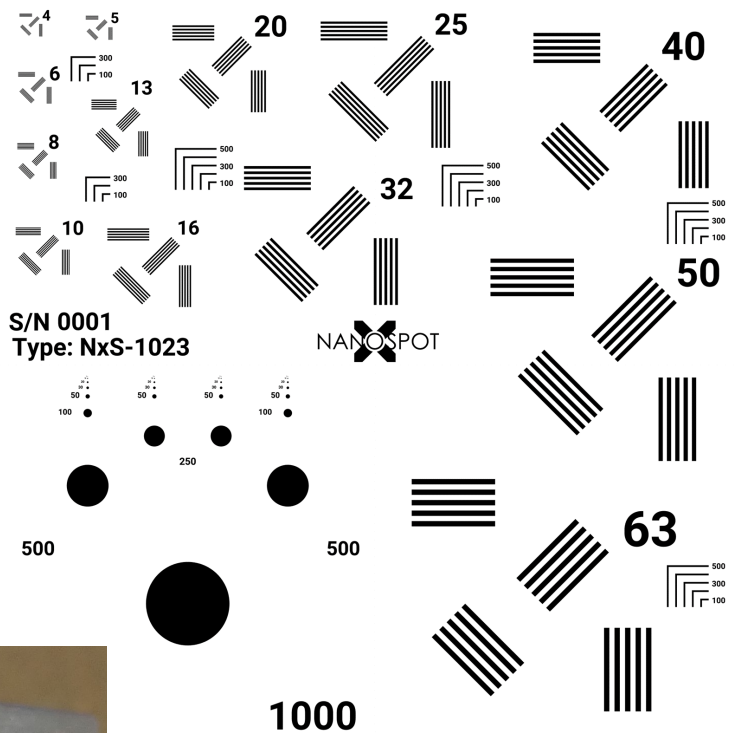


nanoXspot gauge

Focal Spot measurement $< 100 \mu\text{m}$

according to prEN 12453-6, prEN 12453-7



Quality assurance for X-ray tubes
Evaluation of focal spots in size and shape

nanoXspot gauge

Quality assurance for X-ray tubes with spot sizes $<100 \mu\text{m}$

Evaluation of focal spot sizes $<100 \mu\text{m}$ and spot shape

according to prEN 12453-6, prEN 12453-7

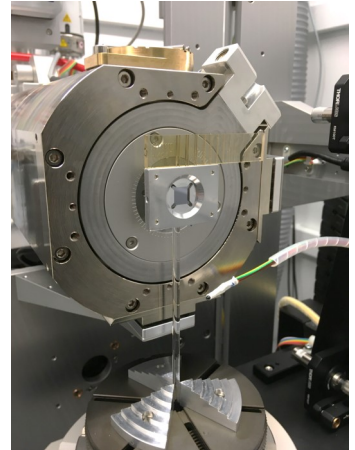
Information for the use of nanoXspot gauge under this link:

[https://my.hidrive.com/share/v4b8.ohntc#\\$/](https://my.hidrive.com/share/v4b8.ohntc#$/)

In video clips of training workshops and PDF files function and use of nanoXspot gauge are explained in detail.

Information for the use of nanoXspot software and a free version of the software for download under this link:

https://nanoxspot-project.cea.fr/Lists/StaticFiles/v2024.01/NxS_Tool_setup_v2024.01.exe.zip



Measurement principle for hole radiographs:

- a) Measurement scheme of a "large" hole image profile for focal spot reconstruction.
- b) Calculation of hole edge profiles (P1) over the circumference (360°).
- c) Calculation of a sinogram by 1. derivation of the profile functions (P2).
- d) Reconstruction of the focal spot distribution from the sinogram

