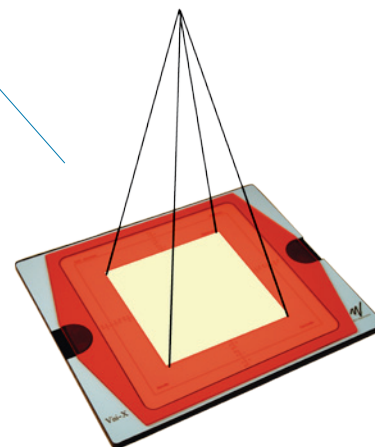


Visi-X



Field Position Analyzer

Field position analyzer that saves time and money. The Visi-X can also be used for checking of the centering of the bucky tray.



Contact

Details

Innovative X-ray QA Solutions...of Course!

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Simple

Field Position Analyser

Simply darken the X-ray room, place the Visi-X under that X-ray tube. Adjust the light field according to the marks on the Visi-X. Leave the X-ray room and make an exposure. Enter the X-ray room again, the afterglow will show the position and size of the X-ray field compared to the light field. Misalignments down to ± 1 mm will be clearly shown on the built-in scales. No film needed. Therefore, no time is lost going back and forth to the film developer. If there is one!

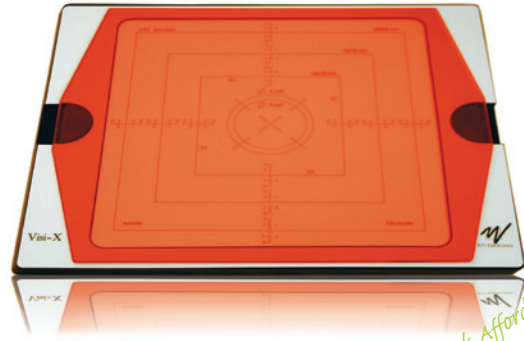
The Visi-X is a cassette shaped device for checking the light and radiation field coincidence on X-ray equipment. The Visi-X can also be used for checking the centering of the bucky tray. The Visi-X is based on an afterglowing phosphor screen that immediately visualises the radiation field. The afterglow lasts when the exposure is turned off and the field size and location can be checked without unnecessary exposure to radiation for the person using the Visi-X.

Specifications

General

The phosphor is non-radioactive and is covered by perspex plates. A daylight filter protects the phosphor from accidental excitation from light sources. The lifetime expectancy of the phosphor is not affected by light or X-rays having an energy within the recommended range.

Detection phosphor	Afterglowing rare-earth
Emission color	Green
Operating temperature	15–45 °C
Dimensions	320 x 276 x 11 mm (without daylight filter)
Equivalent cassette size	24 x 30 cm
Weight	1.4 kg
Other	Daylight filter, ruler, documentation chart
Option	Carrying case



Accurate Smart Quick Affordable Small Accurate Smart Quick Affordable Small Accurate Smart



Field Position Analyser

Field positioning inaccuracy	$< \pm 0.5$ mm
Centering inaccuracy	$< \pm 0.5$ mm

Scale range:

circular fields	5 - 6 cm diameter
square fields	5 x 5, 10 x 10, 15 x 15 and 20 x 20 cm
indicated deviation	± 10 mm
Scale inaccuracy	± 0.1 mm

Recommended minimum:

X-ray tube efficiency	130 μ Gy/mAs at 100 kVp and 0.75 m S.I.D
Usable energy range	15 - 200 keV