



INDEPENDENT X-RAY  
QUALITY ASSURANCE

# Visi-X

## For light field/X-ray field alignment measurement

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



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## Radiation/Light field analyzer

The Visi-X measures the alignment between radiation and light field and is a proven concept in Quality Control and Service. It is a cassette shaped instrument for checking the light and radiation field coincidence for X-ray equipment.

It can also be used for checking of the centering of the bucky tray.

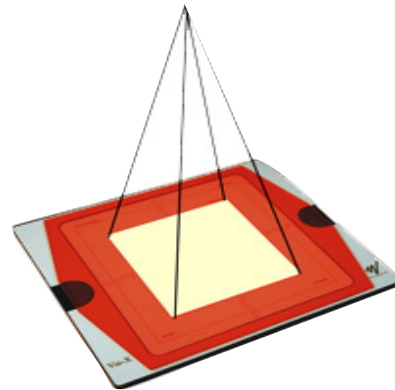
## Instant visualization

The Visi-X is based on a after-glowing phosphorus screen. Simply darken the X-ray room and place your Visi-X under the X-ray tube. Adjust the light field and make your exposure. The radiation field will immediately be visualized by the glow of the special phosphor compound.

Misalignment down to  $\pm 1$  mm will be clearly shown on the built-in scales (afterglow will last for several minutes). No film is needed; therefore, no time is lost going back and forth to the film developer, if there is one.

## Protective daylight filter

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.



## Specifications

<b>Emission color:</b>	Green
<b>Operating temperature:</b>	15-45 °C
<b>Dimensions:</b>	320x276x11 mm (without daylight filter)
<b>Equivalent cassette size:</b>	24x30 cm
<b>Weight:</b>	1.4 kg
<b>Other:</b>	Daylight filter, magnetic lock, ruler, documentation chart
<b>Range:</b>	0-330 mm
<b>Option:</b>	Carrying case
<b>Field positioning inaccuracy:</b>	< $\pm 0.5$ mm
<b>Centering inaccuracy:</b>	< $\pm 0.5$ mm
<b>Scale range:</b>	
circular fields	5-6 cm diameter
square fields	5x5, 10x10, 15x15, and 20x20 cm
indicated deviation	$\pm 10$ mm
<b>Scale inaccuracy:</b>	$\pm 0.1$ mm
<b>Recommended output:</b>	130 $\mu$ Gy/mAs at 100 kVp, and 75 cm S.I.D.
<b>Usable energy range:</b>	15-200 keV

Specifications in this folder may be changed without notice