



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



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.

Visi-X — 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!

Specifications

General

The phosphor is non-radioactive and is covered by perspex plates. A daylight filter 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 Emission color Operatting temperature Dimensions Equivalent cassette size Weight Other Option Afterglowing rare-earth Green 15 - 45 °C 320 x 276 x 11 mm (without daylight filter) 24 x 30 cm 1.4 kg Daylight filter, magnetic lock, ruler, documentation chart Carrying case

Field Position Analyser

 Field positioning inaccuracy
 ≤± 0.5 mm

 Centering inaccuracy
 ≤± 0.5 mm

 Scale range
 <± 0.5 mm</td>

 circular fields
 5 - 6 cm dia

 square fields
 5 x 5, 10 x

 indicated deviation
 ± 10 mm

 Scale inaccuracy
 ± 0.1 mm

 Recommended minimum
 130 µGy/m

 Vsable energy range
 15 - 200 ke

5 - 6 cm diameter 5 x 5, 10 x 10, 15 x 15 and 20 x 20 cm ± 10 mm ± 0.1 mm 130 μGy/mAs at 100 kVp and 0.75 m S.I.D

130 μGy/mAs at 100 kVp and 0.75 m S.I.D 15 - 200 keV

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Visi-X 1-1.6-200710