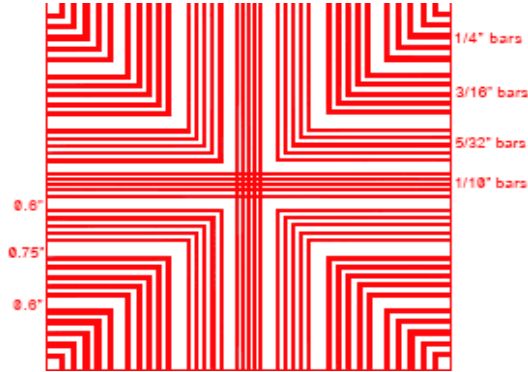


Model L-890

Gamma Camera Bar Phantom



Ludlum Measurements, Inc.



Introduction

The Model L-820 and L-890 are ideal for daily/weekly QA checks of scintillation camera performance. The Bar and Test Pattern Phantoms measure intrinsic and collimator spatial resolution (ability to see small objects) and spatial linearity (ability to correctly position image data), confirming the gamma camera's overall ability to identify and properly display small anatomic objects.

Each of the sets of parallel lines is precisely machined onto a plastic sheet. The lines are filled (cast) with Cerrobend® high-density metal alloy. This causes the gamma radiation to be attenuated, thereby providing the QA image.

The Phantoms are easy to use and satisfy most regulatory quality control requirements for intrinsic resolution. By checking the gamma camera's resolution on a routine basis with either of these phantoms, it will be possible to make quick adjustments to insure the consistent quality of the images being taken from the data that is collected.

Specifications

Part Number: 99-9424

Bar Phantom Specifications:

Available in Standard or Large

SIZE:

Standard: 40.6 X 40.6 cm (16 x 16 in.)

Large 45.7 x 45.7 cm (18 x 18 in.)

BAR WIDTHS: 1/10 in.; 1/4 in.; 3/16 in.; 3/8 in.

WEIGHT:

Standard: 5.4 kg (12 lb)

Large: 6.8 kg (15 lb)

Pattern Phantom Specifications:

SIZE: 50.8 x 50.8 x 0.95 cm (20 x 20 x 0.30 [3/8] in.)

WEIGHT: 10.9 kg (24 lb)

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Note: specifications subject to change without notification. We are not responsible for errors or omissions.

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