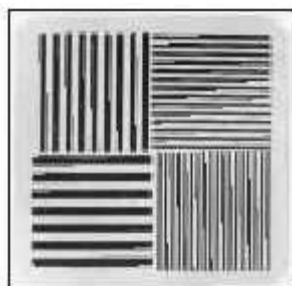




Bar Phantoms

Quadrant Bar Phantoms

- Four scintiphotos measure the following camera parameters: intrinsic resolution and collimator system spatial resolution.
- Choice of one standard, two jumbo or our extra-large rectangular model.



Standard Bar Phantom

For crystal sizes up to 14" in diameter.

Contains four sets of lead bars (effective area 14" x 14") embedded in a 16" x 16" plastic holder.

Weight: 12 lbs.

Model	Designation	Widths
76-818	Bar High Resolution	1 /10", 3 /16" 1 /4", 3 /8"

Jumbo Bar Phantoms

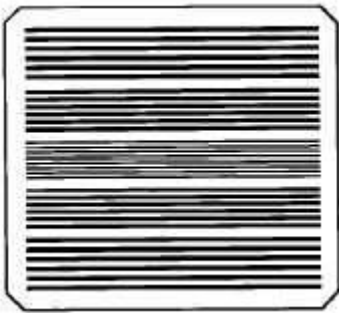
For all large-field gamma cameras.

Each phantom has four sets of lead bars (effective area 16" x 16") encased in an 18" x 18" plastic holder. Weight:15 lbs.

Model 76-814	Designation Standard Resolution	Bar Widths 1 /8", 3 /16" 1 /4" , 3 /8"
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Hine-Duley Test Pattern

- Allows accurate determination of field size.
- Checks intrinsic, collimator and spatial resolution, using only two scintiphotos.



This pattern consists of five groups of parallel bars, embedded in a 16" x 16" x 1 /2" plastic holder. The center group has eight bars, each 5 /32" wide, located between two sets of six 3 /16" wide bars. The two outer groups contain six 1 /4" bars each.

Spaces between the bars in each group are equal to the width of the bars. Each set of bars is 1 /2" away from the adjacent group. The two outer groups (1 /4" bars) are 8 1 /2" apart. This arrangement of bars and spaces allows an accurate measure of true field size (by adding the visible 1 /4" bars and 1 /4" spaces to the 8 1 /2" that separates them). Weight:16 lbs.

76-810 Hine-Duley Test Pattern

BAR PHANTOMS/TEST PATTERN

For checking scintillation camera performance.

These test tools provide a simple and effective means of checking a scintillation camera's intrinsic resolution, collimator spatial resolution, field size and linearity.

The model selected should conform to the best resolution of your camera.

By checking your camera's performance regularly with one or more of these reference standards, adjustments can be made immediately to ensure that the quality of the data being taken is the maximum available from the system.

EXTRA-LARGE RECTANGULAR BAR PHANTOM

Dimensions: 27" x 19" x 1 /2" thick. Bar area is 25" x 17";
bar sizes are 2.5 mm, 3.0 mm, 3.5 mm, 4.0 mm.

76-820 Extra-Large Rectangular Bar Phantom

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