

Parallel Hole Collimators

Introduction

Pycko Scientific offers a wide range of collimators and phantoms. Collimators are used for gamma camera's and x-ray devices. They collimate radiation and filter scatter. We can supply collimators for most imaging devices on the market. These collimators can be designed according to the desired resolution and sensitivity.

Tungsten or lead collimators with holes parallel to each other. We can supply both square and hexagonal holes.

The most common parallel hole collimators are:

- - Low energy all-purpose (LEAP)
- - Low energy high-resolution (LEHR)
- - Medium energy
- - High energy



Parallel Hole Collimators

Application

By using the most precise and linear collimators/anti scatter grids made from lead or tungsten, we can make sure that the collimator we deliver will improve the contrast in your image for your pixelated detector. Our collimators can be produced to exactly line-up with the pixel separation within high tolerances giving you the best full pixel exposure. Our collimators and anti-scatter grids can be used for different applications like Nuclear Medicine, Radiology, Radiotherapy, Homeland Security and Electron Microscopes.



Parallel Hole Lead Collimators

Pycko Scientific can offer different types of collimators such as, slanthole collimators, parallel hole collimators, fanbeam collimators, pinhole collimators and converging & diverging collimators.