

# Gafchromic QuiCk Phantom™

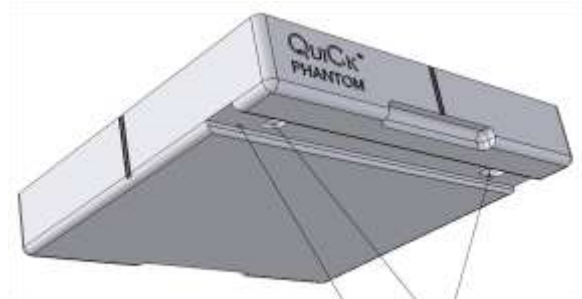
Designed for Fast and Accurate Radiation Therapy QA Procedures By  
the manufacturer of Gafchromic™ Films

From the manufacturer of Gafchromic™ films, the Gafchromic QuiCk Phantom™ was designed to work with EBT 3P film. It offers unprecedented speed, convenience and accuracy for Radiation Therapy QA procedures using radiochromic film.



## Quick and Accurate Setup

The base of the phantom is machined with a groove and two holes to accommodate a standard two pin index bar for accurate and reproducible positioning.



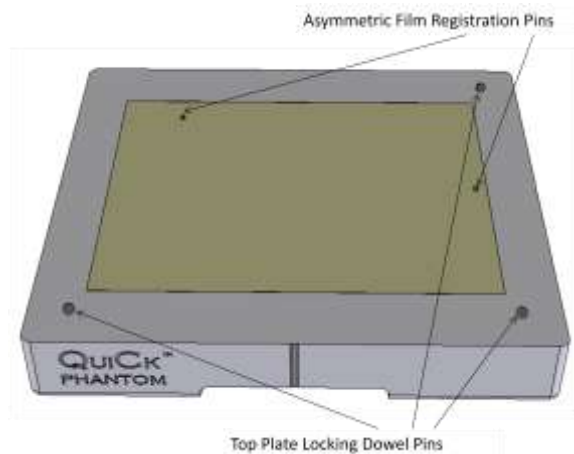
Groove and two holes to fit standard two Pin patient positioning index bar

The top and four sides of the phantom are engraved to facilitate accurate setup in all orientations.

Pins embedded asymmetrically in the phantom ensure accurate coordinates and orientation recognition in CT scans.

## Quick and Accurate Analysis

A specific phantom recognition and film registration feature built into the FilmQA Pro™ software makes the film analysis and comparison of the film measurements with a treatment plan simple and quick.



Asymmetric Film Registration Pins

Top Plate Locking Dowel Pins



Since the film position is indexed to the treatment couch a comparison of the dose measurements to the treatment plan can be regarded as true end-to-end QA test of the treatment system.

## Features



Phantom Body- Two slabs of CIRS Plastic Water water-equivalent to within 1% from 160 keV to 25 MeV

Dimensions: 29 x 32 x 5 cm<sup>3</sup>

Phantom Positioning – In conjunction with a standard two-pin indexing bar the groove on the bottom of the phantom provides quick, accurate and repeatable positioning of the phantom on both CT and treatment couches.

Asymmetric features and fiducial patterning for correct orientation recognition in TPS.

Film positioning pins – The asymmetric placement of two film registration pins in the Quick phantom and the corresponding two-hole pattern on Gafchromic EBT 3P film mean there is only one possible orientation for the film in the phantom.

A special feature built into the FilmQAPro dosimetry software recognizes the fiducial pattern on the film image and automatically aligns it with the treatment plan. This feature is unique to FilmQA Pro software and provides for quick and accurate analysis and facilitates end-to-end QA test of the treatment system.

A box of Gafchromic EBT3P film contains 25 sheets. EBT 3P is identical to the 8" x 10" EBT3 product except that it is formatted with a unique two-hole pattern matching the pin placement in the Quick Phantom.

The Quick Phantom is also available with an optional 2 cm. thick slab of CIRS Plastic Water for pin point Ion Chamber insertion. This slab is cut to lock to center while sandwiching the film. Available for A14 and A1SL ion chambers.



*For more information and purchasing Inquiry, please contact:*

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