

# GafChromic QuiCk Phantom™

Designed for Fast and Accurate Radiation Therapy QA Procedures

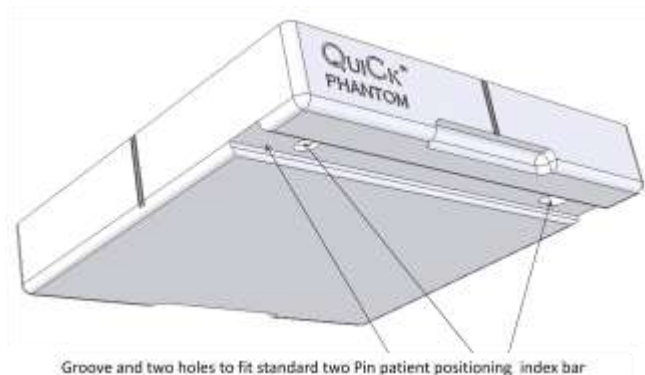
By the manufacturer of GafChromic™ Films

From the manufacturer of GafChromic™ films, the GafChromic QuiCk Phantom™ was designed to work with GafChromic™ 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.

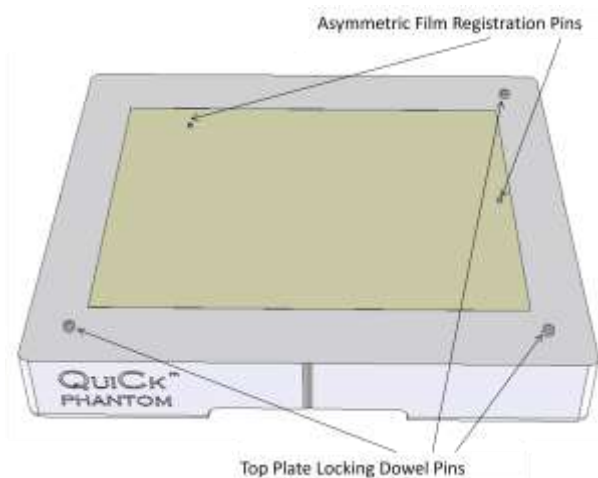


The top and four sides of the phantom are engraved to facilitate accurate setup in all orientations.

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.



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 150 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 GafChromic 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.

**Film analysis:** 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.

**Special Films:** 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 GafChromic™ QuiCk Phantom.

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

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