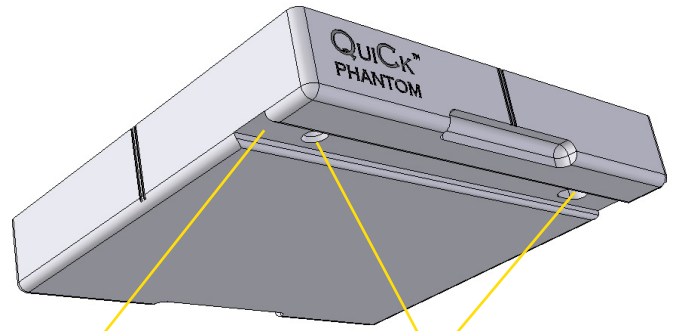


# gafchromic™ quick™ phantom

fast and accurate end-to-end testing for  
patient treatment verification

## description

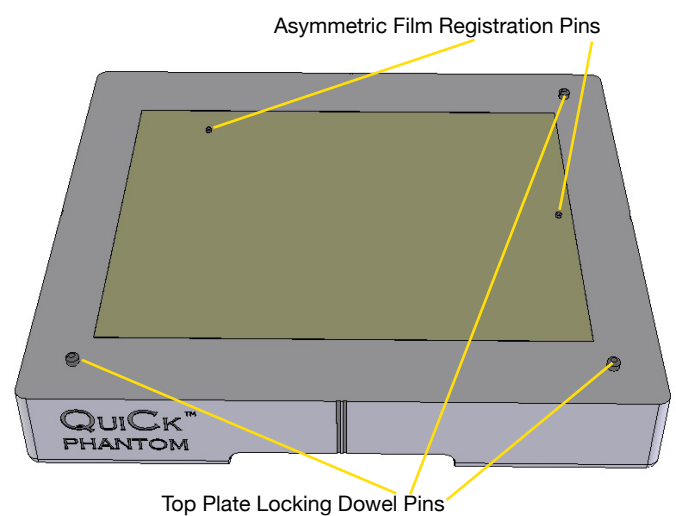
The Gafchromic™ Quick™ Phantom was designed for fast and accurate end-to-end testing for patient treatment verification. Gafchromic™ EBT3P film is customized EBT3 film for use in the Quick™ Phantom. The EBT3P film has holes in the film that correspond to the pins in the Quick™ Phantom to prevent film movement and provides automated registration. The Quick™ Phantom offers unprecedented speed, convenience and accuracy for Radiation Therapy QA procedures using radiochromic film.



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

## how it works

- the base of the phantom has 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 are embedded asymmetrically in the phantom ensure accurate coordinates and orientation recognition in CT scans
- automated registration when used with Gafchromic™ EBT3P and FilmQA Pro™ software

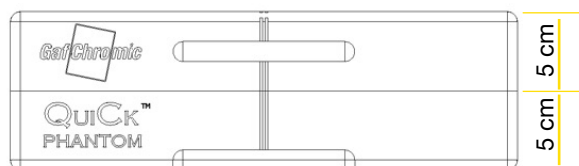


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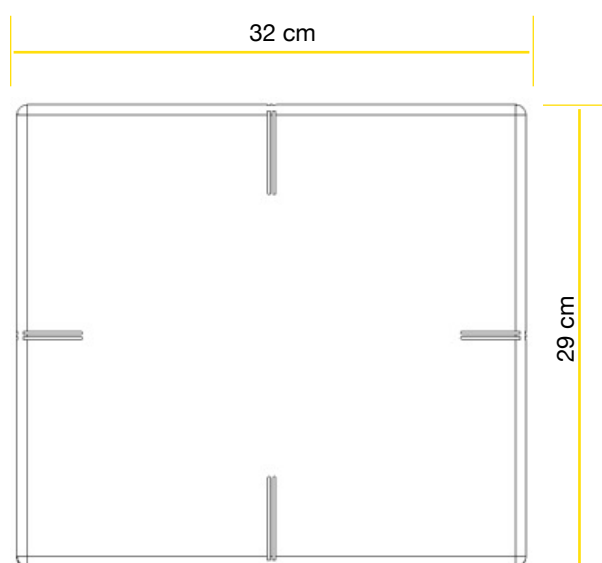
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## features

- phantom body—two slabs of 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—with a standard two-pin indexing bar the groove located on the bottom of the phantom, the Quick™ Phantom provides quick, accurate and repeatable positioning of the phantom on both CT and treatment couches
- film position is indexed to the treatment couch allowing the comparison of the dose measurements to the treatment plan to be regarded as true end-to-end QA test of the treatment system
- 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™ EBT3P film means there is only one possible orientation for the film in the phantom
- FilmQA Pro™ software has a unique feature that recognizes the fiducial pattern on the film image and automatically aligns it with the treatment plan for quick and accurate analysis and facilitates end-to-end QA test of the treatment system
- the Quick™ Phantom is also available with an optional 2 cm thick slab of Plastic Water for pin-point Ion Chamber insertion
  - this slab is cut to lock to center while sandwiching the film—available for A14, A1SL, and 31016 ion chamber



Side View



Top View



product	format	product code
gafchromic™ quick™ phantom starter package	29 x 32 x 5 cm <sup>3</sup> with one box of EBT3P	842062
gafchromic™ quick™ phantom insert for ion chamber A14	11.417" x 12.598"	864037
gafchromic™ quick™ phantom insert for ion chamber A1SL	11.417" x 12.598"	864038
gafchromic™ quick™ phantom insert for ion chamber 31016	11.417" x 12.598"	862903
gafchromic™ EBT3P	8x10"; 25 sheets	841975