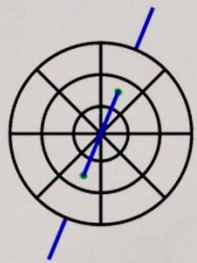
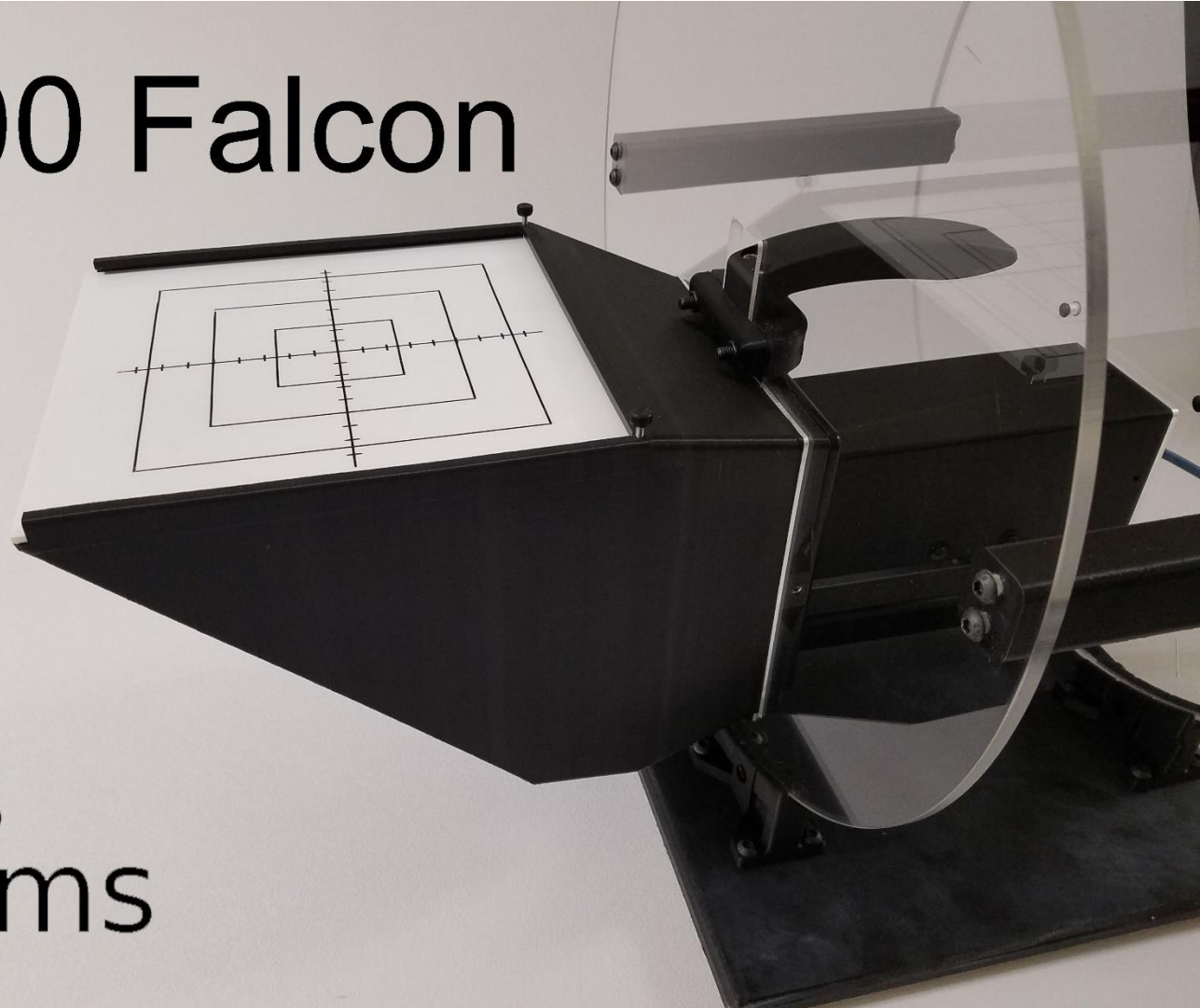


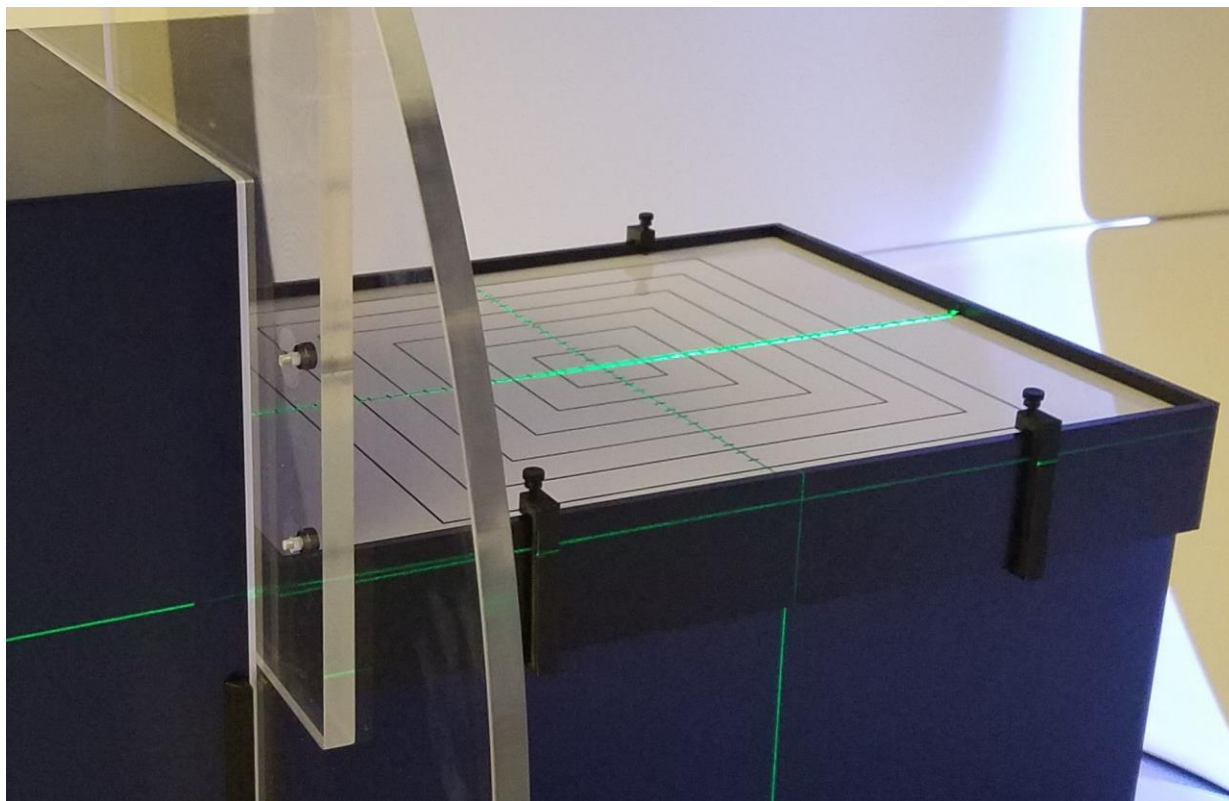
# Proton and X-Ray Real-Time Phantom Quality Assurance

# XRV-2000 Falcon



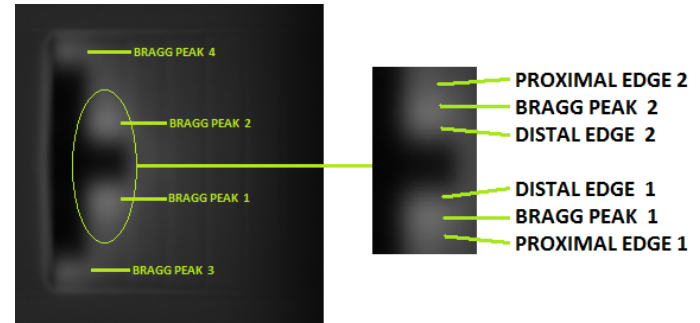
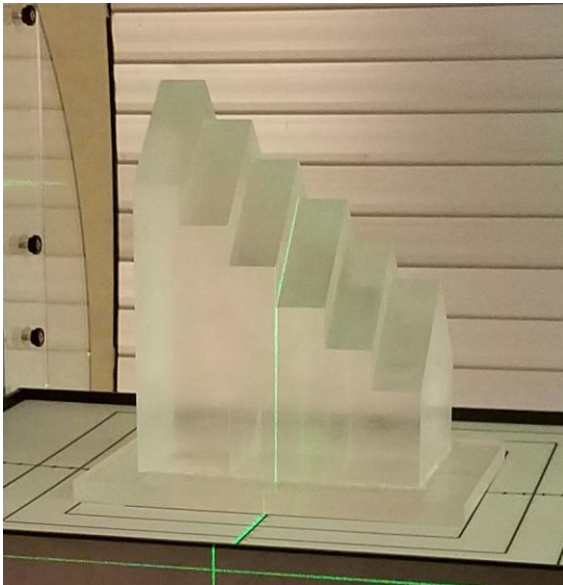
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## XRV-4000 42 x 32 cm Phantom



# Proton Beam Bragg Peak Measurements

The Logos Chevron Wedge provides proton beam energy checks at any gantry angle.



	D+5A	D+4A	D+3A	D+2A	D+A	D
	12	13	14	15	16	17
d	B+5A	B+4A	B+3A	B+2A	B+A	B
	D+5A	D+4A	D+3A	D+2A	D+A	D

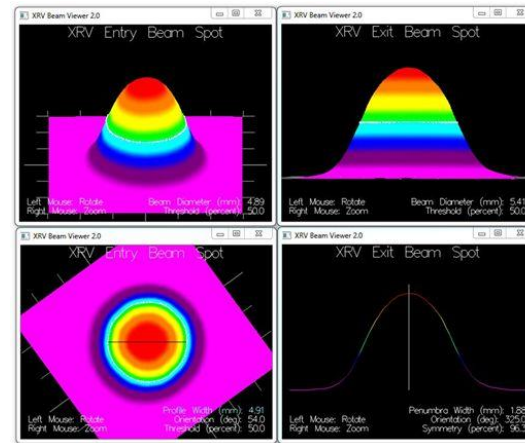
Bragg Peak Penetration =  $(B+4A) - d/2$

# IGRT System XY and Beam QA

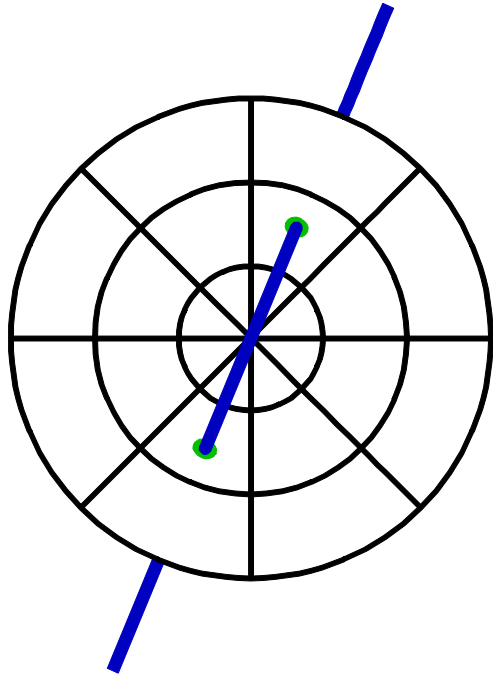


PBS and MLC radiation fields up to 42 x 32 cm can be captured for beam profiling with measurement accuracy to 0.1 mm.

Distance to plan, field width, and intensity are recorded during daily QA and can be charted over weeks, months, or even years of operation.



# Digital Real-Time X-ray and Proton Beam Metrology Solutions



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[www.logosvisionsystem.com](http://www.logosvisionsystem.com)