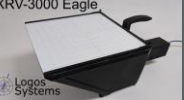
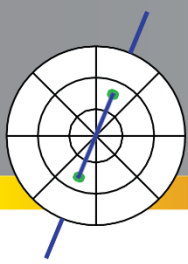


# Logos Systems Int'l PRODUCT SUMMARY

<b>PHANTOMS</b>          <b>SOFTWARE</b>	 <b>XRV-124</b> 3D Beam 60 x 140 mm <ul style="list-style-type: none"> <li>• Profile</li> <li>• Position</li> <li>• Vector</li> <li>• Timing</li> </ul>	 <b>ARC-200</b> 3D Beam 55 x 200 mm <ul style="list-style-type: none"> <li>• Profile</li> <li>• Position</li> <li>• Energy</li> <li>• Timing</li> </ul>	 <b>XRV-2000 Falcon</b> 2D Beam 20 x 20 cm <ul style="list-style-type: none"> <li>• Profile</li> <li>• Position</li> <li>• Timing</li> </ul>	 <b>XRV-3000 Eagle</b> 2D Beam 32 x 32 cm <ul style="list-style-type: none"> <li>• Profile</li> <li>• Position</li> <li>• Timing</li> </ul>	 <b>XRV-4000 Hawk</b> 2D Beam 42 x 32 cm <ul style="list-style-type: none"> <li>• Profile</li> <li>• Position</li> <li>• Timing</li> </ul>
<b>BeamWorks</b> 3D beam vector position and profile capture with automated measurements, vector display, beam display, and Excel® macro interface.	●				
<b>BeamWorks Strata</b> 2D beam position and profile capture with automated measurements, beam display, trend graphing, and spreadsheet interface.		●	●	●	●
<b>WinLVS</b> Real-time image capture, image processing, metrology, with GUI or script operation.	●	●	●	●	●
<b>BraggPeakView</b> Displays WinLVS beam profile data in Bragg peak format with automated measurements.		●	●	●	●
<b>ProfileView</b> Live updates of 8 or 16-bit WinLVS beam profile data displayed in graph format with automatic measurements.		●	●	●	●
<b>BeamWorks Delta</b> Compares two BeamWorks folders beam-by-beam, with Excel® output options.	●	●	●	●	●
<b>VolumeWorks-XL</b> Visual representation of 3D fluence with XML generated accuracy report.	●	●			
<b>Client/Server</b> XML-RPC control of WinLVS with BeamWorks data folder output.	●	●	●	●	●



# Logos Systems Int'l

## ACCESSORY SUMMARY

### Bragg Peak Imaging

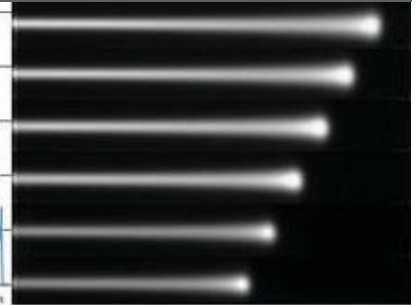
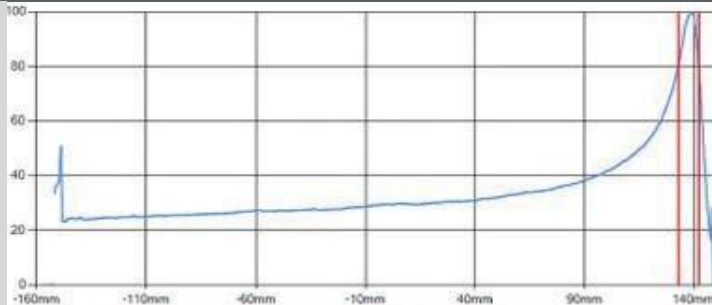
#### Proton Range Verification

#### Ranger-300

- For the XRV-3000 Eagle or XRV-4000 Hawk
- 70-244 MeV Proton Range verification
- Fast Bragg peak R100, P80, and D80 measurements
- Accuracy 0.5 mm (typical)
- WER 1.03

#### Falcon Ranger

- For the XRV-2000 Falcon
- 60-250 MeV Proton Range verification
- Accuracy 0.8 mm (typical)
- WER 1.9



### Phantom Accessories

#### Gantry Cradle

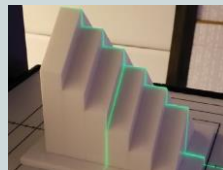
360° manual rotation



- For the XRV-2000 or XRV-3000 or XRV-4000
- Enables 360° manual rotation
- Axis of rotation is aligned with the scintillator
- Accurate beam measurements at all gantry angles
- Motorized option for automated gantry tracking

#### LCW-300

Bragg Peak Detector  
Chevron Wedge



- For all 2D phantoms
- Water equivalent penetration depths up to 300mm
- Depth-dose relationships
- 171 mm height
- Footprint options 100 x 140 mm
- Accuracy 0.5 mm (typical)
- Water Equivalent Ratio 1.82

#### Probe-145

Fixed Internal Fiducial  
for the XRV-124



- Holds one fiducial BB that is inserted on the center axis of the XRV-124 cone
- Accurate 40 to 200 mm positioning within imaging cone
- 0.1 mm position repeatability
- Compatible with Proton and X-ray therapy kV image guidance

#### Talon-124

External Fiducial Array  
for the XRV-124



- Holds up to 32 fiducial BBs that are fastened onto the outside of the cone.
- Up to 8 orthogonal fiducial planes
- Two mounting options: vertical or diagonal
- 20 mm intervals for custom fiducial plane distances
- Center probe BB at 145 mm

Rev092523

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