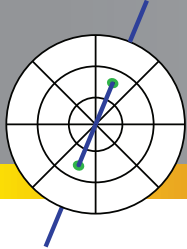


# Logos Systems Int'l

## PRODUCT SUMMARY 2019

<b>PHANTOMS</b>          <b>SOFTWARE</b>	 <b>XR-100</b> 3D Beam 40 x 70 mm <ul style="list-style-type: none"> <li>• Profile</li> <li>• Position</li> <li>• Vector</li> <li>• Timing</li> </ul>	 <b>XR-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>XR-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>XR-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>XR-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>WinLVS</b> Real-time image capture, image processing, metrology, with GUI or script operation.	●	●	●	●	●
<b>BeamWorks</b> 3D beam vector position and profile capture with automated measurements, vector display, beam display, and Excel® macro interface.	●	●			
<b>ArcWorks</b> Captures and analyzes small field VMAT deliveries.		●			
<b>VolumeWorks-XL</b> Visual representation of 3D fluence, and accuracy report generation using treatment plan XML file as input.	●	●			
<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>BeamWorks Strata</b> 2D beam position and profile capture with automated measurements, beam display, trend graphing, and spreadsheet interface.			●	●	●
<b>BeamWorks Client/Server</b> XML-RPC control of WinLVS with BeamWorks data folder output.	●	●	●	●	●



# Logos Systems Int'l

## ACCESSORY SUMMARY 2019

### 3D Phantom Accessories

for the XRV-100 and XRV-124

#### Probe-90

Adjustable Internal Fiducial  
for the XRV-100



- Holds one fiducial BB that is inserted on the center axis of the XRV-100 cone
- Adjustable positioning around nominal 90 mm location
- 0.1 mm position reproducibility
- Compatible with Proton and X-ray therapy kV image guidance

#### Probe-145

Adjustable 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 reproducibility
- Compatible with Proton and X-ray therapy kV image guidance

#### Talon-100

External Fiducial Array  
for the XRV-100



- Holds up to 32 fiducial BBs that are fastened onto the outside of the XRV-100 cone
- Up to 8 orthogonal fiducial planes
- Two mounting options: vertical or diagonal
- 10mm intervals for custom fiducial plane distances
- Center probe BB at 90 mm

#### Talon-124

External Fiducial Array  
for the XRV-124



- Holds up to 32 fiducial BBs that are fastened onto the outside of the XRV-124 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

### 2D Phantom Accessories

for the XRV-2000, XRV-3000, and XRV-4000

#### Gantry Cradle

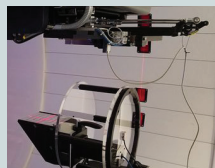
360° manual  
rotation



- 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 Cradle

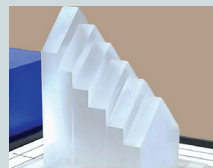
360° motorized  
rotation



- For the XRV-2000 or XRV-3000
- Enables 360° motorized rotation
- Angle of rotation controlled by inclinometer which attaches easily to delivery gantry.
- Accurate beam measurements at all gantry angles

#### LCW-200

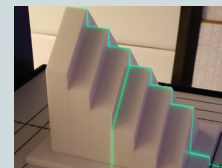
Bragg Peak Detector  
Chevron Wedge



- For all 2D phantoms
- Water equivalent penetration depths up to 235 mm
- Depth-dose relationships
- 200 mm height
- Footprint options 100 x 70 mm, or 100 x 140 mm
- Accuracy better than 0.5 mm
- WET 1.17

#### 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 70 mm, or 100 x 140 mm
- Accuracy 0.5 mm (typical)
- WET 1.82