

# Blue Phantom Helix

Commissioning and QA for the TomoTherapy® Radiation Treatment System



**Designed by the Leader in Relative Dosimetry:  
Enabling you to be fastest, most accurate and most reliable  
in your commissioning work**

The Blue Phantom<sup>2</sup> water phantom family has been extended with a new water phantom especially developed for commissioning and QA of the TomoTherapy® radiation treatment system.

As part of our Blue Phantom<sup>2</sup> family, the new water phantom is operated with OmniPro-Accept software version 7.2 and controlled with the Common Control Unit (CCU).

#### FASTEST:

- 3D movement enabling complete QA without tank repositioning
- Fastest acquisition and analysis with workflow optimized software
- 5 times faster measurements with unique continuous scanning mode

#### MOST ACCURATE:

- $\pm 0.1$  mm detector positioning accuracy. Certified!
- Highest signal quality with next generation electronics
- Accurate and easy tank alignment on the TomoTherapy® couch

#### MOST RELIABLE:

- High quality, robust mechanical design build to last
- Long-term stability ensured by unique contact free sensor design
- Entire design based on more than 30 years of innovations and experience in water phantoms



# Technical Specifications

## Blue Phantom Helix for TomoTherapy® Radiation Treatment Systems

Exterior water tank dimensions (LxWxH):	680 mm x 407 mm x 350 mm
Scanning volume (LxWxH):	520 mm x 140 mm x 200 mm
Scanning speed:	up to 50 mm/s
Detector positioning:	unique magnetostrictive technology
Position accuracy:	±0.1 mm
Approximate volume:	80 l
Wall thickness / material:	15 mm / acrylic
Weight:	27 kg
Measurement modes:	step-by-step and continuous
Leveling:	precise 3 points leveling system on the bottom

Technical data is subject to change without prior notice.  
TomoTherapy® is a trademark of TomoTherapy.

**Fastest.**  
**most Accurate.**  
**most Reliable.**

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