

# BLUE PHANTOM<sup>PT</sup>

Beam Commissioning and Machine QA for PBS

PARTICLE THERAPY QA

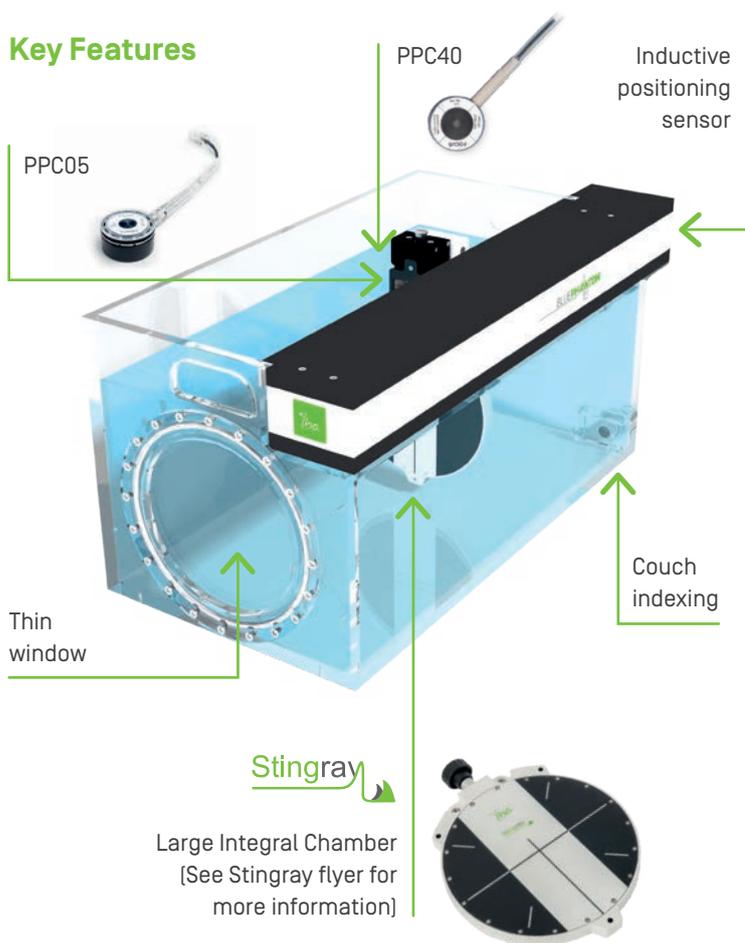
PROTECT +  
ENHANCE +  
SAVE LIVES

## The highest resolution for depth dose measurements

### Key benefits

- **Most accurate commissioning**  
Accurate 50 µm positioning
- **Faster machine QA**  
Minimum water volume enables faster tank filling and setup
- **Compatible with all Proton Therapy systems**  
Magnetic resistant positioning sensor offers full compatibility with all PT systems on the market

### Key Features



### Blue Phantom<sup>PT</sup>

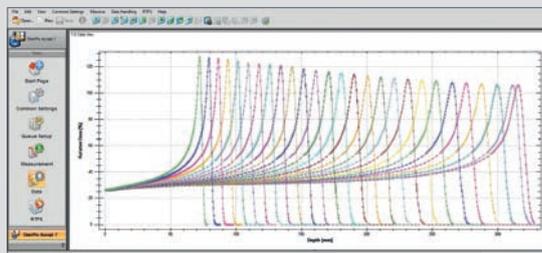
- **Certified accuracy**  
Absolute positioning sensor with 1 µm resolution
- **Thin window**  
3 mm entrance window for low range measurements. Easily replaceable.
- **Easy setup & handling**  
12 kg weight (without water) for easy handling and positioning
- **Compact design**  
57 x 28 x 27 cm<sup>3</sup>
- **Compact PT room compatibility**  
Compatible with high magnetic fields of compact PT rooms



- **Large scan range**  
Up to 380 mm water equivalent depth
- **Positioning speed**  
Save time due to fast chamber movement of 20 mm/s
- **Step-by-Step & continuous scanning mode**
- **Detector support**  
Large ionization chamber Stingray, PPC40, and PPC05 for accurate Bragg Peak and absolute dose measurements

### myQA Software Platform **myQA**

- The Blue Phantom<sup>PT</sup> is fully integrated in the myQA workflow



Integral depth dose profile analysis using myQA Accept

### IBA Dosimetry