

# STINGRAY

## Integral large chamber for PBS

Faster, more accurate, relative dosimetry  
for TPS commissioning & machine QA

**PARTICLE THERAPY QA**

PROTECT +  
ENHANCE +  
SAVE LIVES



# Outstanding design for improved performance

## Key benefits

### Faster PT commissioning – earlier patient treatments

- Stingray's large scanning diameter minimizes data loss in PBS scanning, thus reducing the effort typically spent to correct scan data prior to TPS import

### More accurate commissioning and patient treatments

- Stingray maximizes the accuracy of your scan data for higher treatment plan accuracy
- Highest resolution for depth dose measurements
- Minimized data loss in PBS scanning

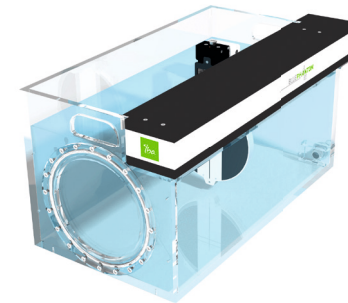
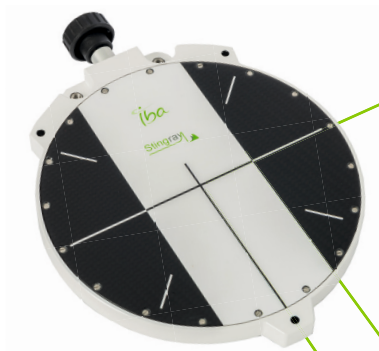
## Key features

- Modular holder enables stable vertical and horizontal chamber mounting in the Blue Phantom<sup>2</sup> or in the new PBS dedicated BluePhantom<sup>PT</sup>
- Scan analysis uses the powerful support of myQA Accept software

## Stingray with 120 mm active scan diameter. Flexible use with the Blue Phantom family.

## The Ideal Solution for PBS Beam Commissioning and Machine QA

### Stingray with Blue Phantom PT



Stingray mounted in the Blue Phantom PT. The dedicated holder enables precise micro-alignment in vertical and horizontal directions as well as rotational adjustment in 2 axis.

Find more information about the Blue Phantom PT on the website.

### Your benefit

Unique QA efficiency through easy and fast setup and test runs!

## Stingray Specifications

### Active scanning diameter

120 mm

### Gap

1 mm

### Applied bias voltage

+150 V

### Tilt possibility for chamber alignment

+/-5 degrees

### Maximum leakage

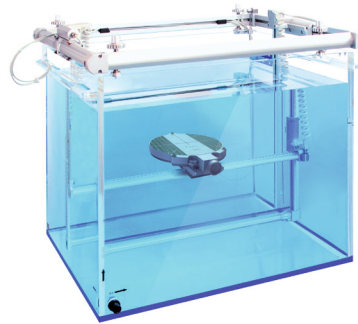
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### Housing material

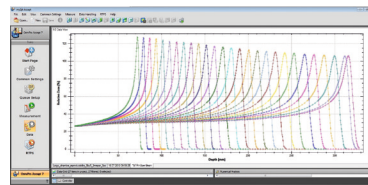
Top cover: carbon, back cover: Peek ELS

### Equivalent wall entry – water equivalent thickness

4.9 mm



Stingray mounted in the Blue Phantom<sup>2</sup>. A modular holder enables easy vertical and horizontal alignments.



PBS depth profile analysis using myQA Accept.

**myQA Accept**

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Manufacturer: IBA Dosimetry GmbH

Technical specifications and product features are subject to change without prior notice.

## IBA Dosimetry

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**DOSIMETRY**

