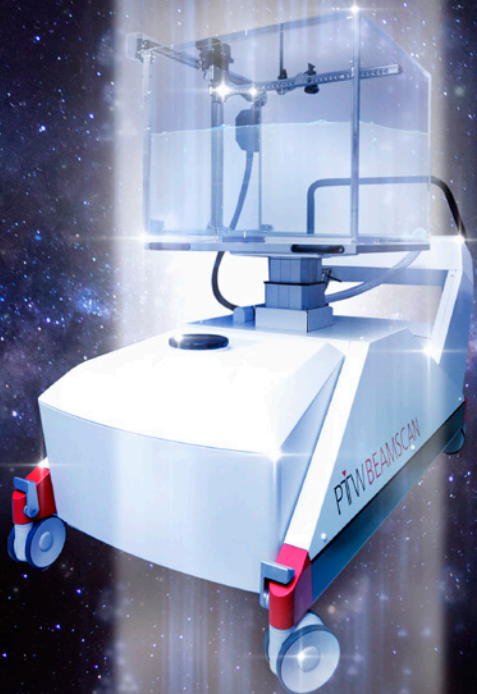


Beams You Up to a New Era in 3D Water Scanning.



PTW BEAMSCAN™

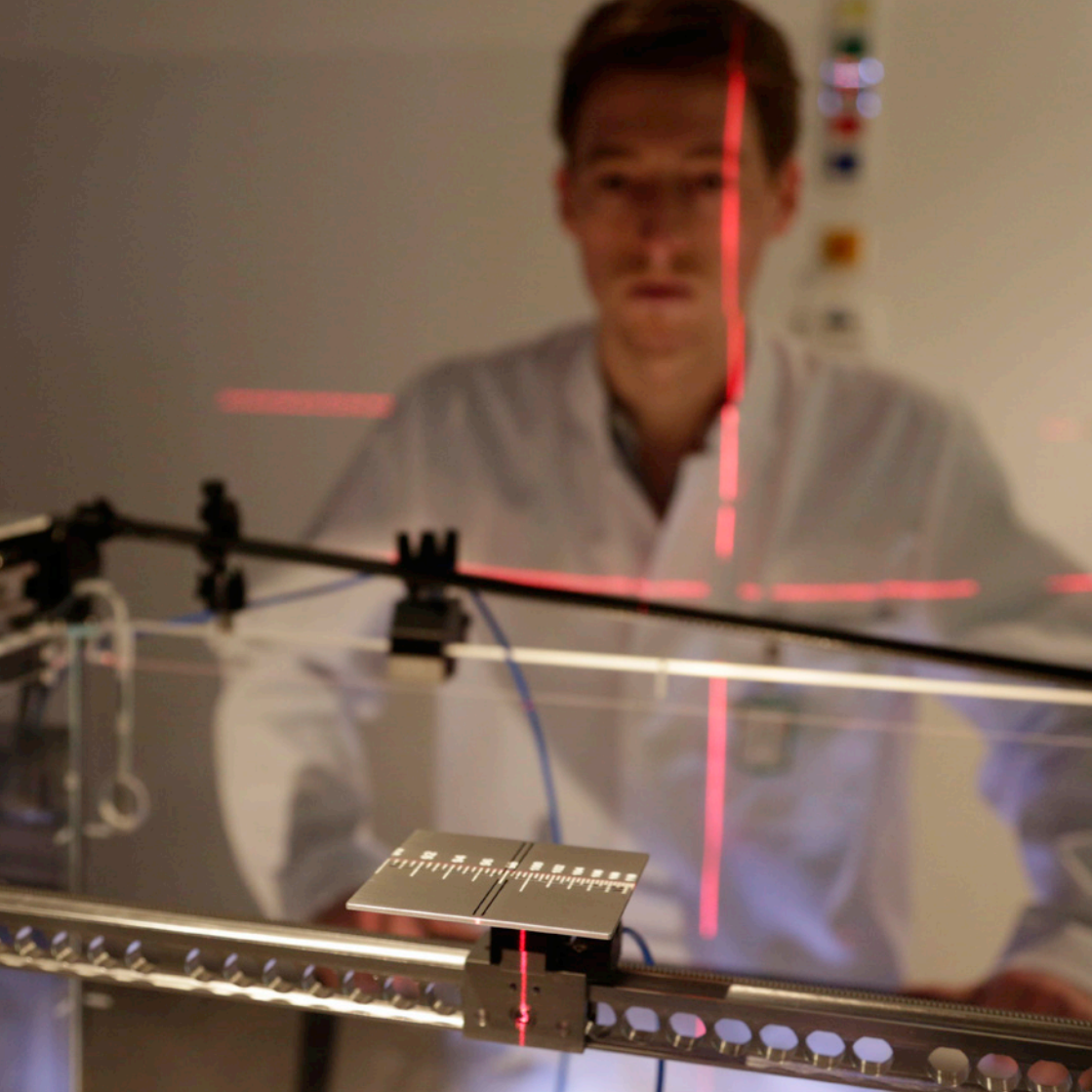
A man in a white lab coat is operating a PTW BEAMSCAN device. The device is a large, white, wheeled unit with a transparent protective enclosure. The man is standing behind the enclosure, looking at the device. The device has the text "PTW BEAMSCAN" on its side. The background is a clinical setting with a white wall and a door.

On a mission to boldly
save time as it was
never saved before.

BEAMSCAN™. The New Water Phantom.

Designed to make your work smarter, faster
and much easier than ever before.

Ready to explore?



... 3-2-1, ready!

Installation in no time.

With all electronics and cables directly built into the system, the all-in-one BEAMSCAN™ is ready for use straight out of the box. No cable runs, and no external devices to install. Move it into the treatment room, align and position it to the LINAC, plug in the power cable only, then set the SSD. Done.

Fully automated.

The Wireless Auto Setup that needs no tools, no tank shifts.

Forget time-consuming setup routines. BEAMSCAN™ provides you with a fully automated setup relying on mathematical algorithms rather than semi-automatic tools. Its unique, patented virtual auto leveling function ensures that your water tank is properly leveled with the touch of a single button – without physically moving the tank or scanning arm. Simply access the built-in BEAMSCAN™ web server using your own mobile device, and start the interactive BEAMSCAN™ Wizard. It will guide you step by step through the system setup in the treatment room – intuitively and wireless. A simple touch is all it needs.



Patented, fully automatic virtual tank leveling



The future is wireless.

WiFi connects.



No need to install or connect data cables every time you use your BEAMSCAN™. No tripping over cables in the treatment or control room. BEAMSCAN™ has been designed for hassle-free wireless operation and data transfer, including everything you need to go wireless.

Want to remain wired? Simply connect to the LAN socket of your BEAMSCAN™ system.



Perfect scans at maximum speed.

Precise as usual.
Twice as fast.

With enhanced mechanics and a new built-in state-of-the-art electrometer that features a scanning speed of up to 20 mm/s, BEAMSCAN™ lets you scan profiles twice as fast as before without compromising quality and precision – at any scanning speed.

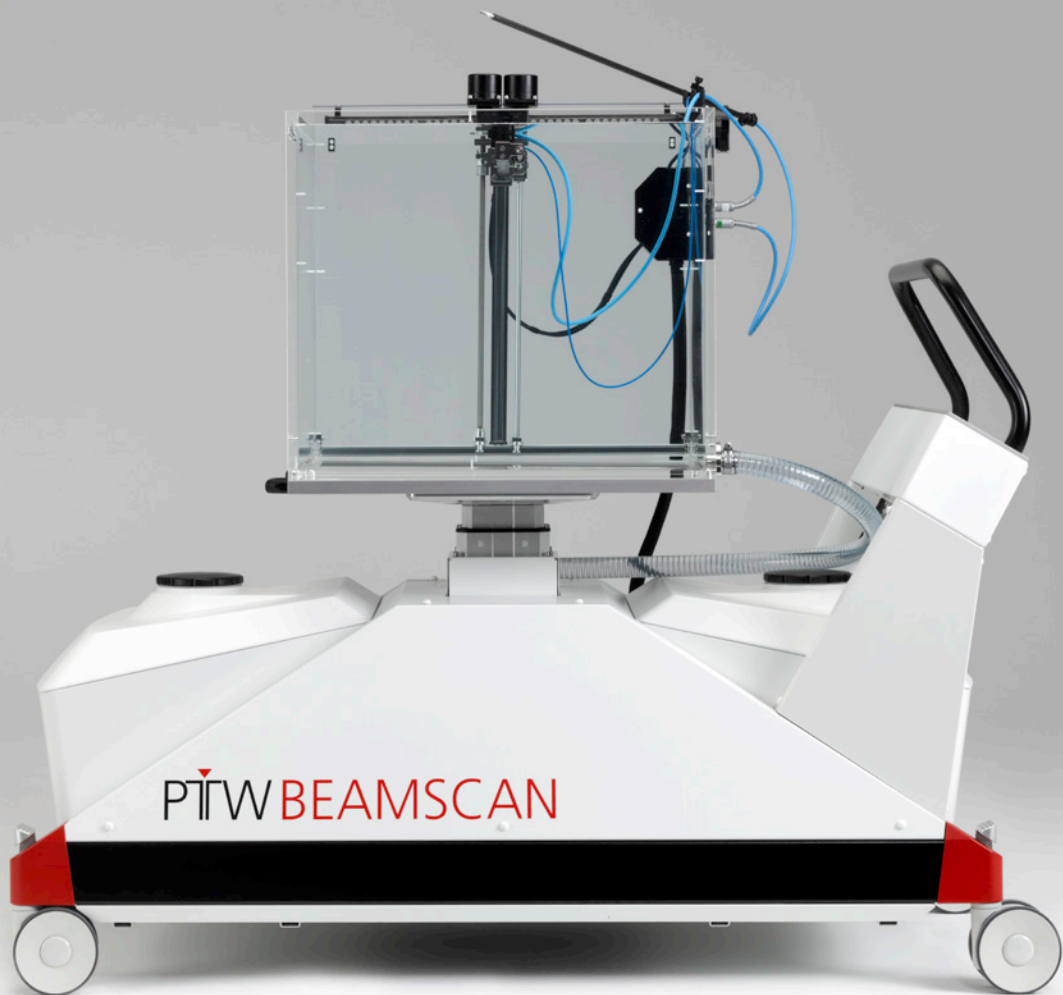
Your workflow in mind.

**Powerful alone,
perfect together:**

Track-it automatically
included in all
BEAMSCAN™ orders
until 31 December 2017.

Scan. Analyze. Monitor. Document.
As simple as that.

BEAMSCAN™ comes with a powerful, feature-rich software that makes it easy for you to collect and analyze your beam data the way you need it. Select from ready-to-use, TPS-specific task lists and perform multiple measurement tasks in one go. Export your data to the optional Track-it QA database to track machine performance over time and document the results as required, in less time.



PTW BEAMSCAN™

A quantum leap ahead.

- ▶ All-in-one, all built-in design
- ▶ Ready for use “out of the box”
- ▶ “Plug and go” installation – only one power cable to plug in
- ▶ Fast, fully automated, wireless setup with BEAMSCAN™ Wizard using iPod Touch® (included) or any other mobile device
- ▶ Patented, fully automatic virtual tank leveling
- ▶ Wireless operation and data transfer
- ▶ Fast scanning (up to 20 mm/s)
- ▶ Continuous and step-by-step scanning mode
- ▶ Built-in web server for easy browser-based access
- ▶ WiFi and LAN connectivity
- ▶ Fully automatic water filling/draining
- ▶ Auto field alignment
- ▶ Advanced stainless steel worm drive with wave prevention
- ▶ Built-in, high-precision electrometer
- ▶ Reference-class Semiflex 3D ionization chambers as detectors, suitable for a wide range of field sizes
- ▶ TPR measurement already included
- ▶ Integrated evaporation control
- ▶ Easy clip-in detector installation with new TRUFIX® BS
- ▶ “Click-fix” SSD adjustment tool
- ▶ Water tank with inclined bottom for complete draining
- ▶ Protective, water vapor permeable cover
- ▶ Robust swivel wheels with brakes – easy to move, easy to lock in place
- ▶ Ample wheelbase – no extra weight on turntable



Quick Overview

PTW BEAMSCAN™

Description: First true all-in-one 3D water scanning system worldwide with wireless auto setup and operation

Applications: LINAC Acceptance Testing, TPS Beam Data Commissioning, Monitor Calibration, Accelerator QA

Ready for use, all included:

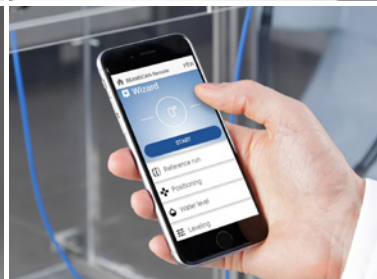
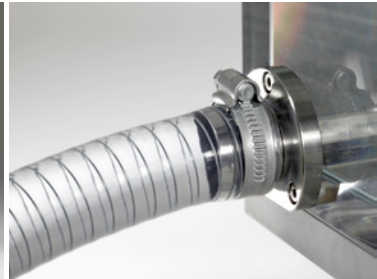
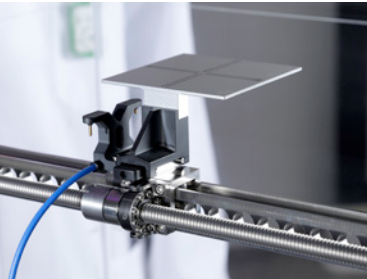
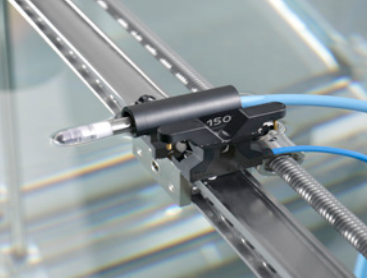
- ▶ 3D water phantom with high-precision worm drive and wave prevention
- ▶ iPod touch® for wireless auto setup and operation
- ▶ Functional lift carriage with built-in water reservoir and high-speed pump for automatic water filling and draining
- ▶ Integrated control unit with intelligent web server and WiFi and LAN interfaces
- ▶ Built-in, state-of-the-art electrometer for fast, precise scanning
- ▶ Water sensor for auto filling/draining and TPR measurements
- ▶ Semiflex 3D 0.07 cm³ field and reference detectors
- ▶ Patented TRUFIX® BS clip-in detector mounting and positioning system, including “click-fix” SSD adjustment tool
- ▶ Water vapor permeable dust cover
- ▶ BEAMSCAN™ 4.0 software with RTPS data conversion and Track-it export
- ▶ 12-month warranty

Options:

- ▶ Track-it QA Data Management Software (Order No. S070027)
- ▶ UniSoft Software Edition 2000 (Order No. S100009)
- ▶ Film Dosimetry (Order No. S080054.001)
- ▶ Positioning Platform for Tool-Free Manual Leveling (Order No. T41043.1.200)
- ▶ PTW Radiation Detectors

Connecting Systems:

- BNT (Order No. L981475)
- TNC (Order No. L981476)
- M (Order No. L981474)



BEAMSCAN™. The New Water Phantom.
The future in 3D water scanning starts now.

www.beamscan.de

PTW

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