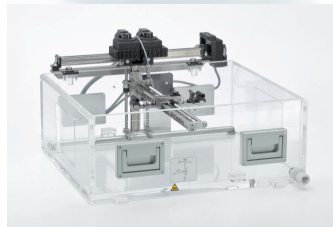## Beam Commissioning and Annual QA

BEAMSCAN® MR

Motorized 3D Water Scanning System

Highlights

▸ Integrated, fully equipped solution – from measurement to documentation
▸ All-in-one system for fast, hassle-free setup
▸ Vendor-specific water tanks with optimized scanning ranges:
  568 mm x 145 mm x 355 mm (Elekta),
  408 mm x 248 mm x 355 mm (ViewRay®)
▸ Maximum speed of 30 mm/s
▸ Patented TRUFIX® system for quick axial and radial detector setup
▸ Consistent detector orientation for all scans, including off-axis scans
▸ Straightforward, largely automated operation with predefined task lists
▸ Fully integrated with Track-it for automated reporting

Options

▸ Radiation Detectors
▸ Track-it QA Data Management Software

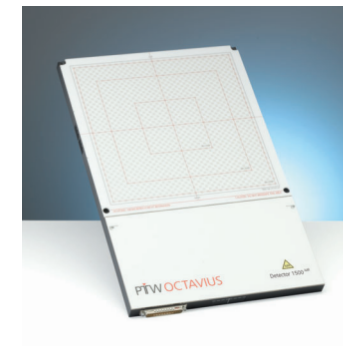## Machine and Patient QA

STARCHECK® and OCTAVIUS®

Ionization Chamber Arrays

Highlights

▸ Complete LINAC and patient QA
▸ High resolution STARCHECK $^{maxi\,MR}$ for full field measurements
▸ OCTAVIUS Detector 1500 ^{MR} for patient dosimetry
▸ Fully integrated with Track-it for automated reporting

Options

▸ OCTAVIUS Phantom
▸ Track-it QA Data Management Software

System and Patient QA

RUBY

Modular Solution for System and Patient QA

Highlights

▸ Perform integrated tests of the entire treatment chain with one basic phantom by adding and expanding QA capabilities as when you need them
▸ Technologically advanced, new modular phantom platform with powerful, ready-to-use application-specific inserts

System QA

▸ The System QA insert features MR visibility in T1 and T2 at 1.5 T
▸ The System QA insert allows the positioning of a MR compatible detector in the center of RUBY
▸ Allows End2End QA using the adapt-to-position workflow or the adapt-to-shape workflow

Patient QA

▸ The Patient QA detector insert allows plan verification at a single point in a homogeneous phantom
▸ The Patient QA film insert allows plan verification in a plane in a homogeneous phantom
▸ Tissue-equivalent materials that follow ICRU-44/-46 standards

BROCHURE   **WEBSITE**
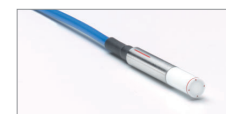
Radiation Detectors

PTW Farmer® (30010*, 30013)
Volume: 0.6 cm³
Field size:
(5 x 5) cm² … (40 x 40) cm²
*non-waterproof

Advanced Markus® Chamber (34045)
Volume: 0.02 cm³
Field size:
(3 x 3) cm² … (40 x 40) cm²

PinPoint® 3D MR Chamber (31025)
Volume: 0.016 cm³
Field size:
(2 x 2) cm² … (40 x 40) cm²

microSilicon (60023)
Volume: 0.03 mm³
Field size:
(1 x 1) cm² … (10 x 10) cm²
for photons

Semiflex 3D MR Chamber (31024)
Volume: 0.07 cm³
Field size:
(2.5 x 2.5) cm² … (40 x 40) cm²

microDiamond® (60019)
Volume: 0.004 mm³
Field size:
(1 x 1) cm² … (40 x 40) cm²

MR safety certificates available