

# OCTAVIUS 4D

## Description

Modular 4D dosimetry system for patient- and machine-specific quality assurance in radiation therapy

## Use

Verification of coplanar and non-coplanar patient treatment plans; LINAC QA measurements

## How it works

Rotates synchronously with the gantry and measures the dose in the entire volume as a function of time and gantry angle (4D)

## Package includes

OCTAVIUS® detector array, motorized modular 4D phantom with exchangeable phantom top and wireless inclinometer, VeriSoft® software 7.2 or higher, OCTAVIUS® trolley

	OCTAVIUS® 4D Order No.	1500 L981438	1000 SRS L981429	729 L981398
<b>Applications</b>				
Pre-treatment – field-by-field		●	●	●
Pre-treatment – composite plan		●	●	●
LINAC QA		○	○	○
<b>Treatment Techniques<sup>1</sup></b>				
3D Conformal (3D CRT)		■	-	■
IMRT (Step & Shoot, Sliding Window)		■	-	■
Arc Therapy (RapidArc®, VMAT)		■	■ <sup>2</sup>	□
IGRT with Halcyon™		■	■	□
SRS/SBRT		□	■	-
FF/FFF Beams		■	■	■
Coplanar/Non-Coplanar Beams		■	■	■
<b>Detectors</b>				
OCTAVIUS® Detector 1500	L981382	●	○	○
OCTAVIUS® Detector 1000 <sup>SRS</sup>	L981381	○	●	○
OCTAVIUS® Detector 729	L981378	○	○	●
<b>Phantom Tops</b>				
Standard Top	T40063.1.004	●	○	●
SRS Top	T40063.1.002	○	●	○
LINAC QA Top	T40063.1.003	○	○	○
<b>Options</b>				
LINAC QA for OCTAVIUS® 4D	L981498	○	○	○
DVH 4D for VeriSoft®	S070009.001	○	○	○
DIAMOND® Secondary Check Software	S070020	○	○	○
Track-it QA Data Management Software	S070027	○	○	○
<b>Accessories<sup>3</sup></b>				
Phantom Insert Plate Semiflex 3D 0.07	T40056.1.007	○	○	○
Phantom Insert Plate Semiflex 0.125	T40056.1.002	○	○	○
Phantom Insert Plate Farmer	T40056.1.003	○	○	○
Phantom Insert Plate PinPoint 3D	T40056.1.006	○	○	○
<b>Upgrade Packages</b>				
Halcyon™ Upgrade Package	L981578	○	○	○
OCTAVIUS® Modular Phantom Upgrade	E01904	○	○	○
<b>Services</b>				
Service Maintenance Plans		○	○	○
Installation Service		○	○	○
Product Training		○	○	○

**Suitability:** ■ excellent □ very good - not recommended **Availability:** ● included ○ optional - not available

<sup>1</sup> Dedicated OCTAVIUS® solutions available for CyberKnife® and Helical TomoTherapy®

<sup>2</sup> For field sizes of up to 10 cm x 10 cm

<sup>3</sup> Phantom insert plates for cross calibration of detector array against ionization chamber in OCTAVIUS® 4D phantom