

Rapid detection of machine characteristics and dosimetric properties



★ Full Coverage of All Elekta Models

Used in conjunction with RayMi, the detection phantom independently developed by Raydose.

- ▶ RayMi phantom is engraved with markings to assist with positioning,
- ▶ Standard with an Ionization chamber plugin to support point dose measurements.

Rounded Corners (12 in total)

Indicate the position of the internal cavity, used for review of CBCT registration images.

Boundary Groove

Supports light field boundary detection for sizes 5cmx5cm and 10cmx10cm.

Ionization Chamber plugin

For point dose measurements.

Center Crosshairs

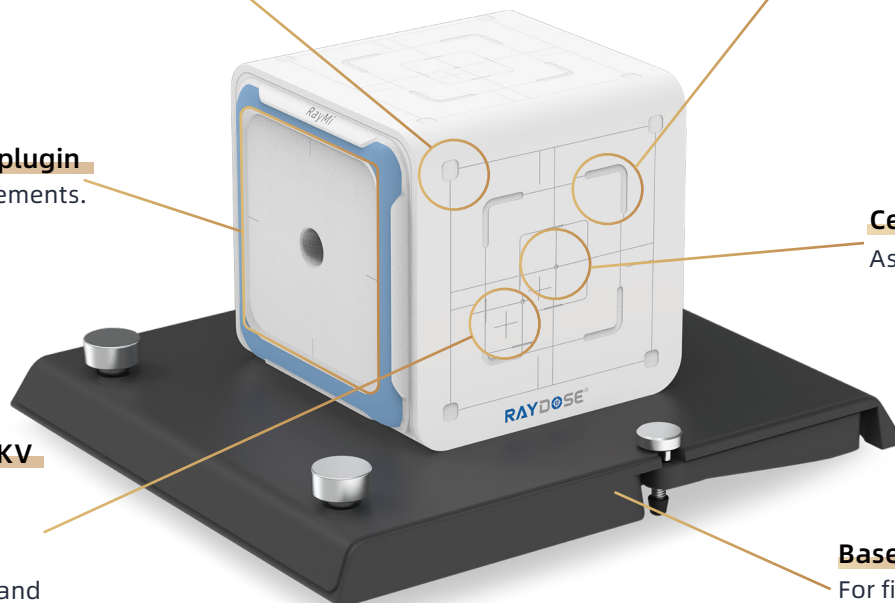
Assists in positioning.

Crosshairs for CBCT/KV Image Registration Detection

Detect the accuracy of positioning correction and the accuracy of automatic treatment couch moving.

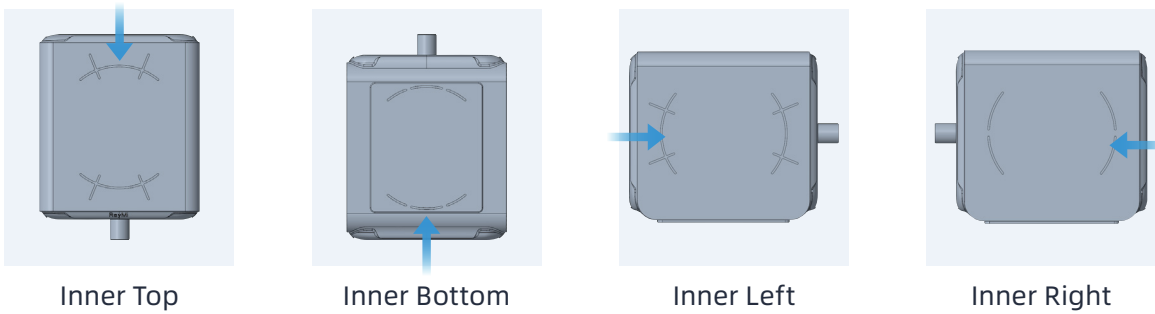
Base

For fixation and horizontal adjustment.



RayMi internally designs two arcs as markers for isocenter analysis of kV/MV images

- ▶ The arc markers have a depth of 3mm and a width of 2mm.
- ▶ The four sides of the RayMi phantom adopt different arc designs to help distinguish different viewing angles.



Automated process: automatic acquisition, intelligent analysis



Quickly complete detection & analysis of 13 procedures within 7 minutes!

Procedure

Isocenter	Gantry	Collimator	Beam Field	Image Quality
<ul style="list-style-type: none"> ✔ kV isocenter ✔ MV isocenter 	<ul style="list-style-type: none"> ✔ Rotation 	<ul style="list-style-type: none"> ✔ Rotation ✔ Jaws ✔ MLC leaf position ✔ MLC repeatability ✔ MLC spoke shot ✔ Coincidence of radiation and mechanical isocenter 	<ul style="list-style-type: none"> ✔ Output ✔ Field center ✔ Consistency 	<ul style="list-style-type: none"> ✔ CBCT image quality

Technical Parameters

RayMi

Dimensions(L×W×H)	196mm×180mm×183mm
Weight	3.55kg
Material	ABS

Ionization chamber plugin

Dimensions(L×W×H)	120mm×120mm×180mm
Weight	2.8kg
Material	ABS