

RTD Dosimetry Phantom Solutions

Highest Standards for Your Quality Standards



9326 RTD Slab Stack Phantom

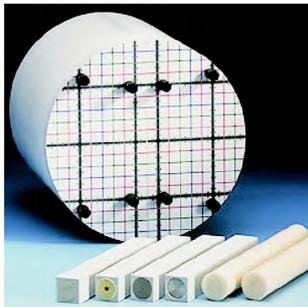
A convenient alternative to water for many absolute dosimetry and QA measurements. Standard slab kit for a 30 x 30 x 30 cm³ volume includes slabs as thin as 1mm for flexible positioning of ion chambers or films at various thicknesses of buildup. Adapter plates for various chambers available.



9321 RTD Mini Slab Stack/FlexiCube Phantom

The mini slab stack combined with the external cube phantom assures secure positioning of films and ion chamber or diodes inside the phantom volume. Simple setup and exact positioning under the beam.

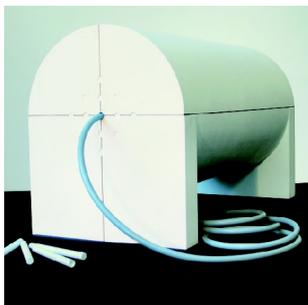
An extremely versatile phantom, ideal for plan verification for IMRT and other 3D CRT plans.



9322 RTD Mini Cylinder Phantom

The external cylinder phantom shell allows exact positioning under the beam while the flexible phantom fill set allows exact positioning of detectors or film inside the phantom volume.

Ideal for verification of IMRT and 3D CRT plans, the cylinder shape is especially suited for head & neck work. Optional tissue density insert set shown.



9328 RTD Absolute Dose Cylinder Phantom

Solid water-equivalent phantom for absolute dose verification of IMRT and other plans.

Flexible positioning of ion chambers within the 40 cm long phantom permits measurements at multiple slice levels within the patient geometry.

Simply Smarter

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RTD

Dosimetry Phantom Solutions



RTD Phantoms for Radiation Therapy

Maintain the high quality standards you set and enhance your verification and quality assurance program with RTD Phantoms for radiation therapy. Effectively monitor and document the quality of treatment delivery in your clinic, evaluate equipment and methods with confidence. RTD Phantoms are flexible and durable tools for the medical physics professional.

9326 RTD SLAB PHANTOM

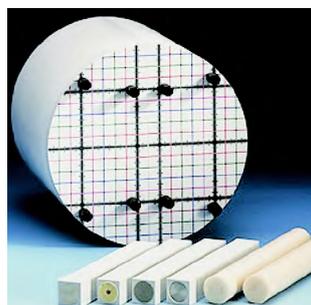
Slab stack phantom for calibration and QA measurements. Durable RW3 phantom material is water-equivalent over the typical therapeutic range for photons and electrons. Various slab thicknesses may be combined to achieve any desired "depth" of material in 1mm increments for measurement with film or ion chambers (optional chamber holding adapter available). Standard slab stack volume is 30 x 30 x 30 cm³, other slab phantom dimensions are available.



9321 RTD MINI SLAB STACK / FLEXICUBE PHANTOM

Small slab stack phantom combined with external cube phantom shell is a flexible physics tool suited to a wide range of verification and quality assurance applications. Ideal for IMRT Verification. Cube shell with external markings assures simple and exact setup under the beam and guarantees the secure and accurate positioning of films and chamber adapters within the phantom volume.

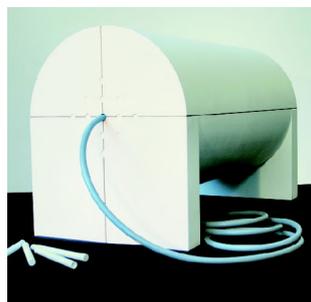
For use with film, ion chambers and TLDs (adapters available.)



9323 RTD MINI CYLINDER PHANTOM

The compact, water-equivalent phantom is designed for flexible but secure placement of ion chamber and films within the phantom volume. The cylinder shape is ideal for the verification of head & neck treatments as well as for the verification of IMRT and other 3D conformal radiation therapy plans.

Optional tissue-equivalent inserts for the simulation of internal structures also allow use of the RTD Mini Cylinder as a CT density phantom.



9328 RTD ABSOLUTE DOSE CYLINDER PHANTOM

The 9328 Cylinder Phantom offers a straightforward approach for absolute dose verification of IMRT plans.

Cavities for positioning the ion chamber(s) are located along the phantom center axis and at intervals 25 mm away from the phantom midlines. The phantom length of 40 cm permits point dose measurements at multiple plan slice levels within the patient geometry.

MORE PHANTOMS

Additional phantoms for calibration and QA tasks are available. Please contact Multidata for more information.