

RT-smartSLAB

RT-smartSLAB: Absolute Dosimetry with QA in a basket



RT-smartSLAB is a compact, ergonomic and cost-effective RW3 slab phantom for daily absolute dosimetry measurements.

The 2 hinged sides of the phantom cradle center the phantom plates automatically.

Strong handles facilitate the transport, positioning and storage of the phantom.

Integrated rulers and document fields for the notation of reference data enable the verification of phantom and linac setup and the ready comparison of measured results to the expected dose.

RT-smartSLAB is a useful completion of your absolute dosimetry equipment. Handling improvement and preventive QA in one single smart product.

Features:

- Phantom cradle with carrying handles automatically aligns the phantom slab stack when the hinged sides are folded up and squeezed together
- Four transparent document pockets for referral charts for the notation of setup and measurement parameters and reference/expected doses, for four measurements of four treatment machines, the document pockets intended for marking the individual slab stack heights and chamber plate position with marker pens
- Rulers with millimeter scales on both sides allow easy stack setup and verification of the total height of the phantom slab stack at a glance
- Easy to handle and easy to carry, also by 2 persons
- Maximum stack size 170mm, 50 mm RW3 plates with handles are available for stacking inside or underneath
- Fits to all slab phantom plates of all manufacturers when in 30x30 format

Application:

- Tool for absolute dosimetry

Specifications:

Phantom Dimension:	including carrying handles 32 x 47cm, 17cm high
Footprint (baseplate):	32 x 33 cm
Total weight (full/empty):	approx. 17 kg / 2,8 kg
Phantom material	RW3, density 1,045 g/cm ³
Suggested useful range:	Photons: 60Co – 25MV, Electrons: 5 ... 25 MeV
Made in Germany	



Ordering Information:

sSLAB: RT-smartSLAB Cradle
sSLAB Set: RT-smartSLAB Cradle plus plates: 2x50, 2x20, 1x10, 1x5, 2x2, 1x1mm

Slab1mm: RW3 slab phantom plate 300 x 300 mm, thickness 1mm
Slab2mm: RW3 slab phantom plate 300 x 300 mm, thickness 2mm
Slab5mm: RW3 slab phantom plate 300 x 300 mm, thickness 5mm
Slab10mm: RW3 slab phantom plate 300 x 300 mm, thickness 10mm
Slab20mm: RW3 slab phantom plate 300 x 300 mm, thickness 20mm
Slab50mm: RW3 slab phantom plate 300 x 300 mm, thickness 50mm, with handles

SlabPFarmer RW3 plate for PTW 0,6cc Farmer chamber 30xxx or NE2571
SlabPSemi3 RW3 plate for PTW 0,3cc SemiFlex chamber 31013, 31003 or 233641
SlabPSemi1 RW3 plate for PTW 0,125cc SemiFlex chamber 31010, 31002 or 233642
SlabPPinP03 RW3 plate for PTW 0,03cc PinPoint chamber 31015 or 31009
SlabPPinP015 RW3 plate for PTW 0,015cc PinPoint chamber 31014 or 31006
SlabPPinP3D RW3 plate for PTW 0,016cc PinPoint 3D chamber 31016
SlabPRS03 RW3 plate for PTW 0,3cc Ridgid Stem chamber 31016 or 23332
SlabPRS1 RW3 plate for PTW 1,0cc Ridgid Stem chamber 31015 or 23331
SlabPMarkus RW3 plate for PTW Advanced Markus/ Markus 34045 or 23343
SlabPRoos RW3 plate for PTW 0,35cc Roos chamber 34001
SlabPsoftX RW3 plate for PTW 0,02cc soft X-Ray chamber

SlabWICC01 RW3 plate for Wellhofer/IBA 0,01cc Compact chamber CC01
SlabWICC04 RW3 plate for Wellhofer/IBA 0,04cc Compact chamber CC04
SlabWICC13 RW3 plate for Wellhofer/IBA 0,13cc Compact chamber CC13
SlabWICC13-S RW3 plate for Wellhofer/IBA 0,13cc Compact chamber CC13-S
SlabWICC25 RW3 plate for Wellhofer/IBA 0,25cc Compact chamber CC25
SlabWIFC23-C RW3 plate for Wellhofer/IBA 0,23cc Farmer chamber FC23-C
SlabWIFC65G RW3 plate for Wellhofer/IBA 0,65cc Farmer chamber FC65G
SlabWIPPC05 RW3 plate for Wellhofer/IBA 0,05cc Markus chamber PPC05
SlabWIPPC40 RW3 plate for Wellhofer/IBA 0,4cc Roos chamber PPC40

Other RW3-plates on request

