

RADPlus™ Aluminum Shelf



Designed to be compatible with the RS 1800•Q & 1800•Q4 Biological Irradiators, specifically configured for cell irradiation applications



Ease of Use & Durability

Aluminum is known to be durable and light-weight, allowing for easy handling.

Provides Dose Rate Flexibility

Aluminum shelf can be placed on the floor or any of the 2 shelf levels within the chamber, which offers a wide range of dose rates from top to bottom.

Directions for Placement of Research Tools and Components

Components need to be placed within the ring that corresponds to the shelf number in order to receive optimal and uniform dosing.

The Well Plate Holder can be placed on the shelf at levels floor, 1 or 2.

The Aluminum shelf is also used to help position the RADPlus Vial Holder and the Petri Dish Holder in the center as well.

Note: lower shelf levels correspond to larger rings leaving space for more components; the higher the shelf, the higher the dose rate.

For more information on the Well Plate, Vial and Petri Dish Holders, refer to respective product sheets.



Technical Specifications

2 kW Irradiator	Dose Rate	Flatness
Shelf 2	20 Gy/min	75%
Shelf 1	8 Gy/min	75%
Floor	4 Gy/min	75%

4 kW Irradiator	Dose Rate	Flatness
Shelf 2	40 Gy/min	75%
Shelf 1	16 Gy/min	75%
Floor	8 Gy/min	75%

Dimensions	10.760" x 13.360" x 0.125"
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Note: Dose rate specified above is the center dose rate across the RADPlus material.

$$Flatness = 100 \times \frac{D_{min}}{D_{max}}$$

ORDERING INFORMATION

- Aluminum Shelf RS# 1409903



RADPlus Shelf



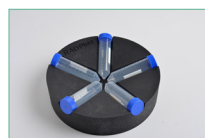
Well Plate Holder



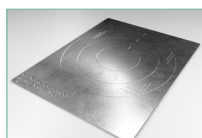
Petri Dish Holder



Vial Rotator



Vial Holder



Aluminum Shelf

Visit our website using the QR code below for more info on our RADPlus Research Solutions.



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Rad Source is a global leader in developing x-ray solutions for life science. Our mission is to develop innovative x-ray technologies that enable our customers to improve the world through life science research and life saving innovation. Whether our customers are doing cell or cancer research, solving life's most challenging issues or preventing the spread of infectious diseases, we are here to support them. Our global network of employees and partners deliver an unrivaled combination of the world's most innovative x-ray based life science solutions and a highly trained and responsive global service and support footprint. RADPlus research tools are for use with Rad Source equipment ONLY.

For more info, visit www.radsources.com or call 678-765-7900



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