

THE **RS 1800** •

X-RAY CELL IRRADIATOR

featuring  **QUASTAR**

HIGHEST DOSE RATE IN THE INDUSTRY

The **RS 1800** •  is driven by patented QUASTAR® X-ray and RADPlus™ technology to provide the highest dose rate and best dose uniformity in the industry for the inactivation of cells.

FEATURES AND BENEFITS

- Single QUASTAR® X-ray Emitter Patent #9818569
- Reliable up-time
- Safe, self-shielded unit with no radioactive source
- Secure – System is password protected
- Turn-key installation
- User friendly – Simple, easy-to-read touch pad

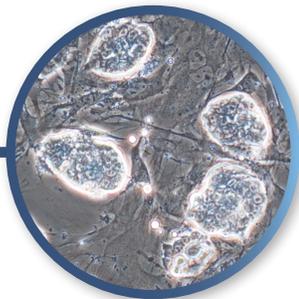
SPECIFICATIONS

	READINGS GY/MIN		DISTANCE FROM SOURCE		DIAMETER	
	Q	Q4	(IN)	(MM)	(IN)	(MM)
Level 2	45	90	4.5	115	4.25	107
Level 1	14	28	6	154	6.5	165
Level 0	7	12	7.5	194	9.25	234

DUR of 1.25. Dose rates subject to change.



The Most
POWERFUL
Dedicated
CELL IRRADIATOR
on the market



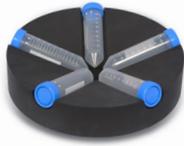
**“LEADING THE WAY in
Non-nuclear irradiation”**

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Patents: See www.radsources.com/patent
MKT 030 01/19 Rev 2

The Dose Uniformity of the **RS 1800•Q** is unmatched.

The patented RADPlus™ specimen holder comes in 3 different configurations.



RADPlus™ Vial Holder

Dimensions 10" x 2.5"

Holds up to five vials at a time ranging from 2 ml to 50 ml vials.



RADPlus™ Well-plate Holder

Dimensions 8" x 6" x 1.75"

Holds one to two 96 well plates per cycle.

RadPlus is protected by Patent No. 6,389,099.



RADPlus™ Petri Dish Holder

Dimensions 10" x 10" x 1.75"

Holds one to three Petri dishes per cycle.

TECHNICAL SPECIFICATIONS*

- Cabinet dimensions: 28" W x 32" D x 66" H
- Weight: 1250 lbs. (570 kg.)
- Electrical requirements: Single phase, 50/60 Hz, 208-240VAC, 30A (L1, L2,/N, GND)
- Built per ISO 9001 Quality Standards
- Remote user/programs management
- Email notifications
- Generates log/status reports
- Chamber dimensions: 10.8" (27.432 cm) W x 13.65" (34.671 cm) H x 13.5" (34.29 cm) D

** Technical specifications are subject to change, please contact your Rad Source representative for the most current information.*

ADDITIONAL SPECIFICATIONS

- Features single chamber design
- Easy to calibrate with NIST Certified Ion Chambers
- Company established in 1997
- Mounted on casters
- Safe, self-shielded with no radioactive source
- Turn-key installation
- Manufactured as a Cabinet X-ray Device
- Warranty: 12 months parts and labor, 24 months for QUASTAR® X-ray emitter (Patent No. 9818569)

Rad Source Technologies, Inc. is
**LEADING THE WAY in
Non-nuclear Irradiation**

With our comprehensive line of commercial X-Ray irradiation products designed to replace gamma isotope irradiators.



- Blood products
- Small animal research
- Cell research
- SIT/SIR
- Viral inactivation
- Food irradiation testing
- Other applications



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