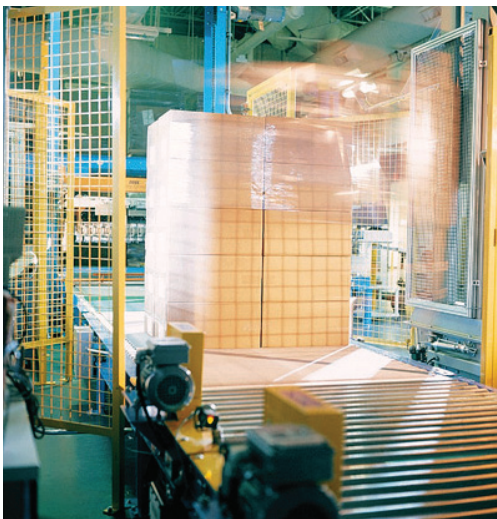




nordion
SCIENCE ADVANCING HEALTH

PARALLEL ROW PALLET IRRADIATOR



The Parallel Row Pallet Irradiator provides the ideal solution for processing intact pallets of product, reducing material handling labour cost while maximizing throughput. Ideal for both phytosanitary applications and medical device sterilization, the Pallet Irradiator accommodates a variety of product densities and dose uniformity requirements.

GAMMA PROCESSING SOLUTIONS FROM THE LEADER



nordion
SCIENCE ADVANCING HEALTH

Gamma Processing Solutions From the Leader

Nordion combines world-class capabilities in electro-mechanical design, controls, radiation physics, dosimetry and regulatory affairs with a global reach in sales, installation and service to lead the industry in delivering end-to-end solutions for our customers. The ultimate measure of our success is your success, which begins with an intimate understanding of your business, and ends in total customer satisfaction.



Durability and Flexibility for Maximum Performance

Using state-of-the-art controls technology, precision electric drives and a robust design, the Pallet Irradiator is unsurpassed in reliability and uptime. This means more operating hours and better utilization of capital, a key performance measure whether you are processing your own products or providing contract service to customers. The standard slave pallet accommodates virtually all pallet sizes.

For the Way You Do Business

The Multi-Mode Operation (MMO) feature available on the Pallet Irradiator provides a selection of source pass product flows. This allows the operator to optimize production for different business environments; from high-volume where efficiency is paramount, to high-mix with frequent product change-over. Widely varying dose requirements, including difficult-to-process products with demanding dose uniformity specifications, can also easily be accommodated.

Information at Your Fingertips

The Pallet Irradiator employs Programmable Logic Control (PLC) and Supervisory Control And Data Acquisition (SCADA) technology for reliable and intuitive operation. The user interface provides real-time status of all irradiator components, including the integrated safety systems. Data logging and reporting is accomplished with a robust database, and network connectivity provides the option for remote diagnostics and troubleshooting.

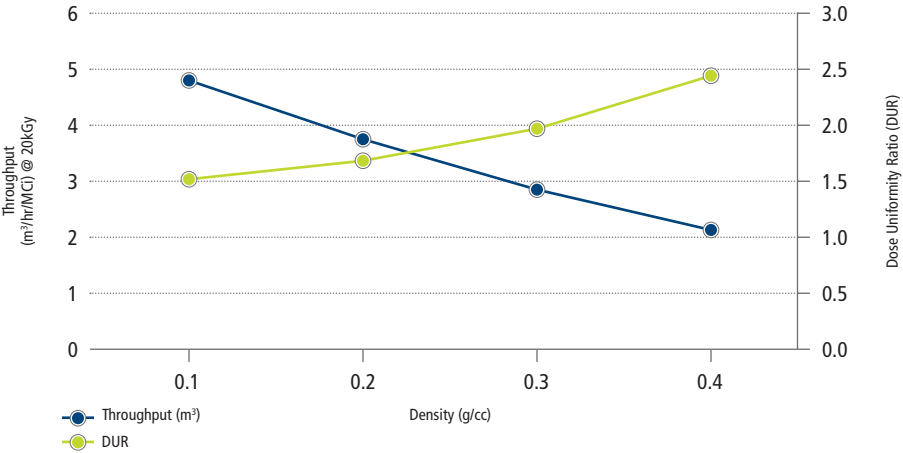
A Passion for Safety

All of Nordion's irradiators meet internationally recognized safety and security standards, such as 10 CFR Part 36, IAEA Safety Series 107 and ANSI 43.10. Nordion's industry involvement and years of experience in regulatory affairs means you can be assured that our products incorporate the latest advancements in safety and security.

SPECIFICATIONS

Source Rack Capacity	5 MCi
Product Stack (L x W x H)	48 in. x 48 in. x 78 in. (122 cm x 122 cm x 200 cm)
Maximum Product Weight	2615 lbs. (1189 kg)
Maximum Product Density	0.4 g/cc
Floor Area Required (with standard storage)	119 ft. x 46 ft. (36 m x 14 m)
Modes of Operation	Standard: 4 pass automatic Optional: 2 pass automatic, 2 pass automatic batch, 2 pass incremental dose

PALLET IRRADIATOR PERFORMANCE



the gamma advantage

High penetration for treatment of products with mated surfaces, thin lumens and higher densities, all in final packaging. Ideal for phytosanitary applications

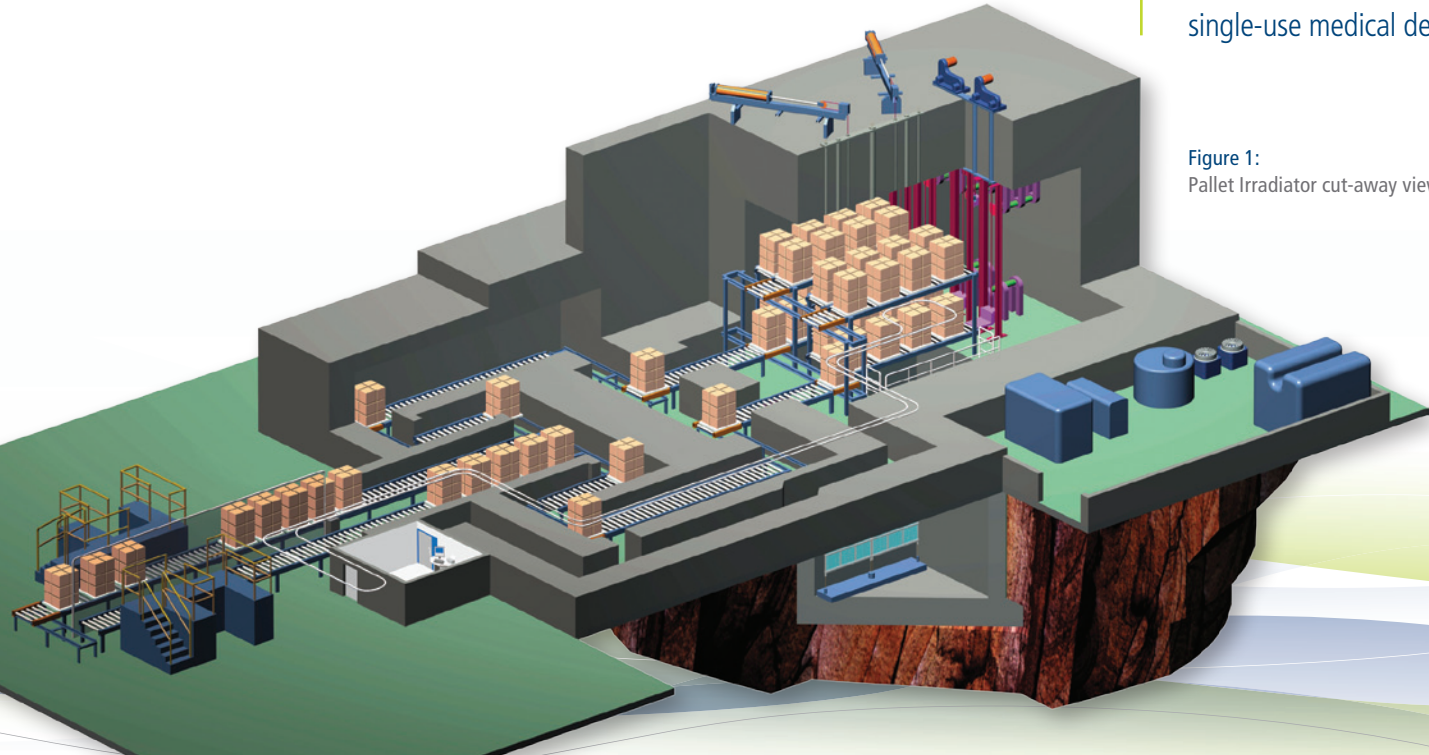
Scalable so that your throughput can grow when your business does

Immediate product release through dosimetry gets product to your customer faster

Endorsed by the World Health Organization and the U.S. Food and Drug Administration for food irradiation application

Global track record of safety and efficacy, currently sterilizing more than 40% of the world's single-use medical devices

Figure 1: Pallet Irradiator cut-away view





nordion
SCIENCE ADVANCING HEALTH

Nordion's products and services are used throughout the world to prevent, diagnose and treat disease. Our applied research and innovation play an integral part in improving global healthcare.

www.nordion.com

CORPORATE HEADQUARTERS

447 March Road
Ottawa, ON, Canada K2K 1X8
Tel: +1 613 592 2790
Fax: +1 613 592 6937

REGIONAL OFFICE

4004 Wesbrook Mall
Vancouver, BC, Canada V6T 2A3
Tel: +1 604 228 8952
Fax: +1 604 228 5990

ASIA PACIFIC SALES OFFICES

Hong Kong

9/F, 22 Yee Wo Street
Causeway Bay, Hong Kong
Tel: +852 2827 8666
Fax: +852 2827 8302

Japan

Room 905, Tokyo Royal Plaza
1-18-11, Uchi-kanda, Chiyoda-ku
Tokyo 101-0047, Japan
Tel: +81 3 5283 6872
Fax: +81 3 5283 6873