

Palisade Oligo Purifier Product Datasheet

Overview

The Palisade Oligo Purifier is a compact, fully automated system designed to simplify and accelerate the purification of oligonucleotides. Utilizing eight individual channels and reverse-phase (RP) solid-phase extraction (SPE) cartridges, the Palisade efficiently processes up to eight oligos in just 40 minutes. This streamlined workflow delivers near-HPLC-quality results with minimal user intervention, enabling higher throughput and improved consistency in oligo purification.

Key Benefits

- **High Throughput:** Simultaneously purifies up to eight oligos, significantly reducing purification time and labor.
 - **Near HPLC Quality:** Employs reverse-phase SPE cartridges to achieve high-purity oligos suitable for downstream applications.
 - **Fully Programmable Control:** Users can customize purification parameters—flow rates, wash volumes, and reagent selection.
 - **Compact Footprint:** Measures only 30 x 30 cm (W x D), conserving valuable bench space and integrating easily into existing laboratory workflows.
-

Technical Specifications

- **Throughput:** 96
- **Purification Method:** Reverse-Phase Solid-Phase Extraction (RP-SPE)
- **Reagent Capacity:** 5 dedicated reagent bottles
- **Purification Time:** ~40 minutes for 96 oligos
- **Purity Level:** Near HPLC-grade purity suitable for a wide range of downstream applications
- **Dimensions (H x W x D):** 40 x 65 x 65 cm
- **Programmability:** User-defined purification protocols for flow, reagents, and washing steps
- **Power Requirements:**

Location	Voltage (VAC)	Frequency	Amperage (A)
USA/Canada	120 ± 10%	50/60 Hz ± 1%	2
Europe	240 ± 10%	50/60 Hz ± 1%	1
Australia	240 ± 10%	50/60 Hz ± 1%	1
Japan	110 ± 10%	50/60 Hz ± 1%	2

Ordering Information

- **Model:** Palisade Oligo Purifier
 - **Included Accessories:** SPE cartridges, tubing, user manual, and standard fittings
-

Contact & Support

For further information on the Palisade Oligo Purifier, including technical support, custom protocol development, or integration into your existing workflow, please visit our website or reach out directly:

Sierra BioSystems

Website: www.sierrabio.com

Phone: 1-209-396-1969