

Advancing Cancer Diagnostics
Improving Lives



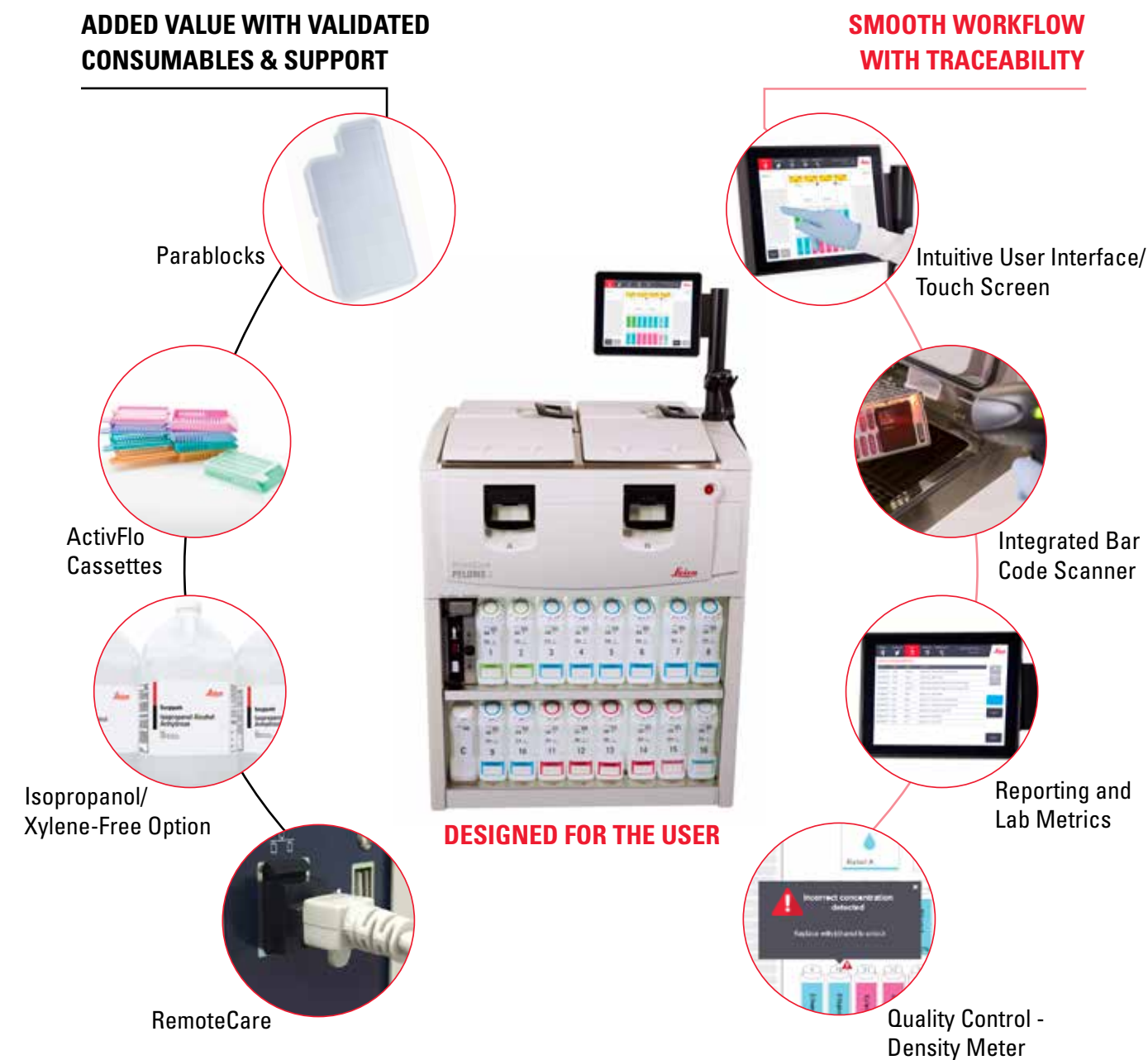
HistoCore PELORIS 3

Premium Tissue Processing System
Advance Patient Safety



The Complete Solution to High Quality Tissue Processing

The **High Quality** tissue processing you trust, with added **Track and Trace** features to enhance and maintain the quality in your lab. We will partner with you to improve turnaround times, maintain records, ensure lab safety and help towards same day diagnosis.



Track and Trace for increased traceability

Traceability

- **Track and Trace – Integrated Bar Code Scanner** captures basket ID, user ID and lot number - eliminating manual records, while providing a higher level of specimen safety with traceability.
- **Onboard Reporting Module** – Delivers run-time and summary reports for user accountability and specimen traceability.

Efficiency

- **Two Built-in Density Meters** – Reduces potential errors in reagent exchanges and allows for better reproducibility.
- **Rapid Tissue Processing – ActivFlo System** uses a reagent vortex to actively accelerate processing in two ways: rapid, even-heating on all sides of the retort; and active reagent distribution with built-in impeller.
- **Consumable Savings** – Reagent management system calculates the precise time for exchange, providing optimal reagent usage.



ActivFlo for rapid reagent flow

Lean Workflow

- **Intuitive Touch Screen** – An upgraded user interface provides smooth workflow navigation - allows the user to trace all activities, assists in troubleshooting, and provides metrics for reagent and protocol management.
- **Better Visibility** – LED back lit bottles with enhanced labeling allows for easy identification of liquid levels and reagent state.
- **Increased Productivity** – Up to 600 cassettes per run at full capacity; enabling same-day diagnosis in rapid mode with the patented **Dual Retort** design.
- **Load and Go** – Fast melting, preformed Parablocks fit easily into the paraffin chamber and do not require topping off.



Easy-to-use interface

Flexibility

- **Rapid and Conventional Processing** – Continuous parallel processing to run small and large batches, resulting in high throughput and improved turnaround time.
- **Isopropanol / Xylene-Free Option** – Eliminates the need for xylene in tissue processing, reducing related health concerns in the laboratory.
- **Process Different Tissue Types** – Use dedicated protocols for fatty tissues to help maintain high quality output.



Dual Retorts for continuous processing

PELORIS 3 PREMIUM TISSUE PROCESSOR

ENHANCED USER DESIGN PROVIDES EASE OF USE

- 1 TRACEABILITY AND ACCOUNTABILITY**
Bar code scanner and on-board reporting module associate the samples with processing program, reagent details and user information.
- 2 BETTER VISIBILITY**
LED back lit bottles with enhanced labeling allows for easy identification of liquid levels and reagent state.
- 3 USER FRIENDLY FEATURES**
Basket with integrated handle provides stability during transport. Wedges on retort lid allow for secure basket placement.
- 4 CLEANING MADE EASY**
Convenient wax scraper and liquid level sensor tools help reduce cleaning time and enhance productivity.
- 5 INTUITIVE GRAPHIC USER INTERFACE**
Quickly and easily start runs, preprogrammed or customized protocols, easy to use workflows.

SYSTEM SPECIFICATIONS

Instrument dimensions (h x w x d)	1500 x 857 x 721 mm (59 x 33.7 x 28.4 in)
Weight	331 kg (730 lbs) dry, 430 kg (948 lbs) full reagent load
Processing modes	Conventional (Xylene), Xylene-free
Cassette capacity	600 (maximum), 432 (spaced/xylene-free)
Retorts	2 (allows for continuous processing)
Heating system	ActivFlo, non-microwave, rapid heat
Reagent stations	16
Reagent volume	3.8 L (1 US gal) minimum 5 L (1.32 US gal) maximum
Paraffin wax stations	4 (each station is capable of filling one retort)
Paraffin melt time	5 hr pellets, 3 hr Parablocks
Reagent management	Concentration, cassettes, days, cycles
Operating voltage	100 to 120 V~ 220 to 240 V~
Operating current (maximum)	16 A (100 to 120 V~) 10 A (220 to 240 V~)
Mains frequency	50/60 Hz
Power consumption	1450 W (100 to 120 V~) 2150 W (220 to 240 V~)

Contact your Leica Biosystems representative today to learn more about the HistoCore PELORIS 3 Premium Tissue Processing System.



LEICA BIOSYSTEMS

Leica Biosystems is a global leader in workflow solutions and automation, integrating each step in the workflow from biopsy to diagnosis.

**Advancing
Cancer Diagnostics,
Improving Lives**

Copyright © 2017 by Leica Biosystems Richmond Inc. All rights reserved. LEICA and the Leica Logo are registered trademarks of Leica Microsystems IR GmbH. HistoCore and PELORIS are trademarks of the Leica Biosystems group of companies in the USA and optionally in other countries. Other logos, products and/or company names might be trademarks of their respective owners.

95.14484 Rev A - 04/2017