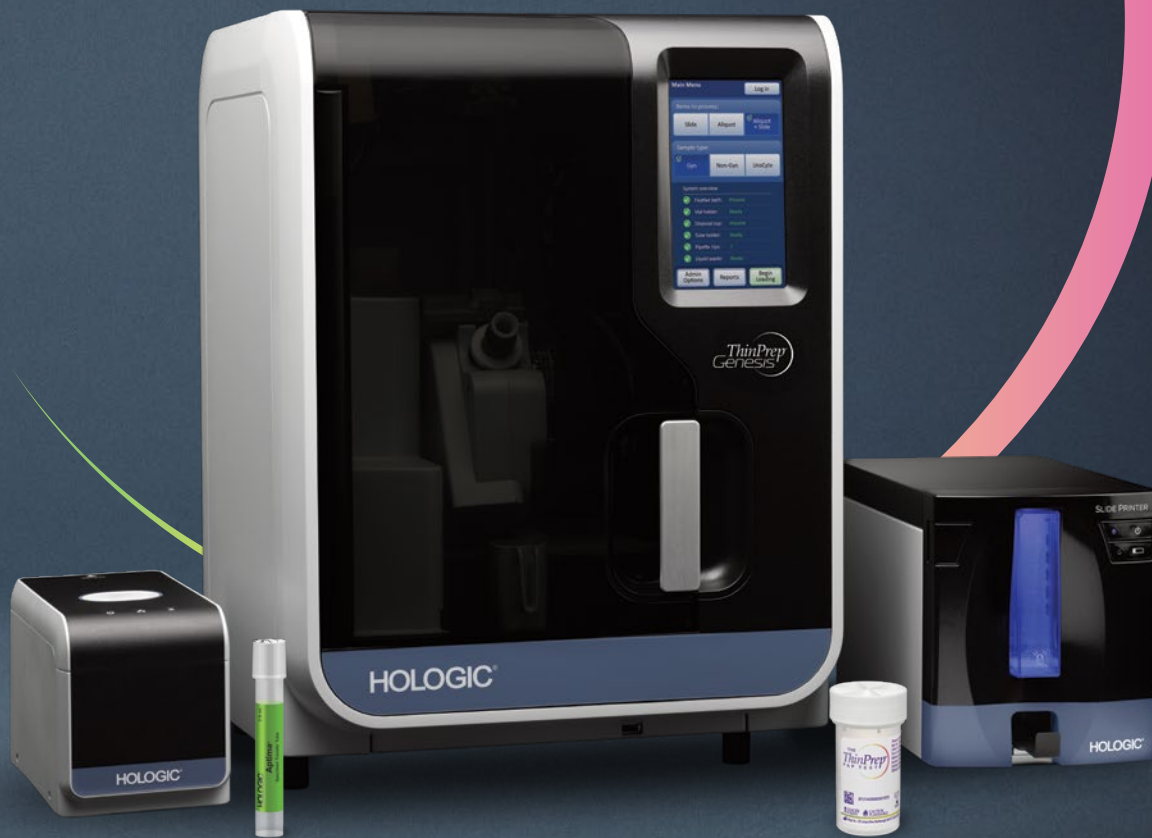


Health Canada Approved

# ThinPrep® Genesis



Enabling Cytology Labs  
to Do More

# Advanced Automation

## In a Small Footprint

The ThinPrep® Genesis™ processor is the latest addition to our suite of instruments – an intuitive, versatile, and scalable group of solutions for laboratories of all volumes.

By offering automated chain of custody, streamlined cytology processing, and hands-free sample aliquoting in a single instrument, the ThinPrep Genesis processor promotes confidence in results while optimizing lab performance.



### Confidence in Results

- ▶ Chain of custody verification prevents sample mix up for confidence in your results.
- ▶ ThinPrep filter technology optimizes cellular presentation – producing high quality cytology slides.
- ▶ Closed-cap dispersion eliminates aerosolization for both cytology processing and sample aliquoting.



### Automation Capabilities

- ▶ Automated uncapping/capping reduces repetitive strain.
- ▶ Optional tube and slide printers automate labeling.
- ▶ Automated aliquoting cuts out the hands-on time required for manual pipetting.



### Workflow Enhancements

- ▶ Simple, user-friendly touch screen operation promotes efficient processing.
- ▶ Automated sample prep for Gyn, Non-Gyn, and UroCyte® slides.
- ▶ A seamless transition between cytology processing to sample aliquoting simplifies your workflow.

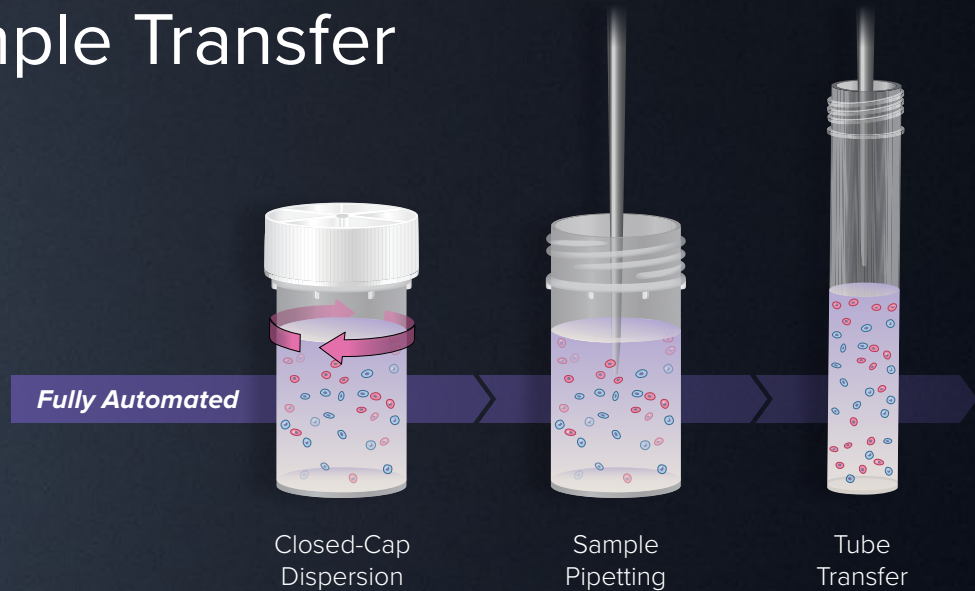


A commitment to patients and cytology labs – *everywhere.*

Hologic is dedicated to innovation in cytology for the betterment of patient care. Because every sample represents a patient, requiring careful handling and accurate identification, labs everywhere need to be confident in results without compromising productivity.

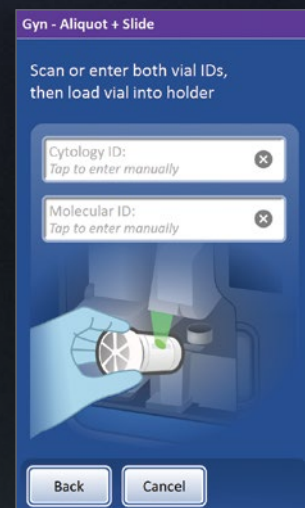
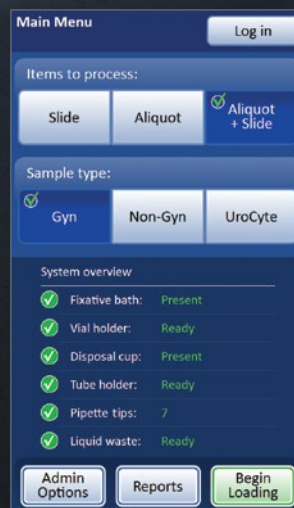
# Automate Sample Transfer

- ▶ The ThinPrep Genesis processor's automated aliquoting capabilities allow you to easily prepare samples for molecular diagnostic testing from a ThinPrep vial.



# Promote Efficient Processing

- ▶ Intuitive, touchscreen user interface for ergonomic operating.
- ▶ System overview and step-by-step directions for real-time guidance and ease-of-use.
- ▶ Versatile sample processing for Gyn, Non-Gyn, and UroCyte® samples.
- ▶ Exportable report generation for vial processing, system events, and usage detail tracking.



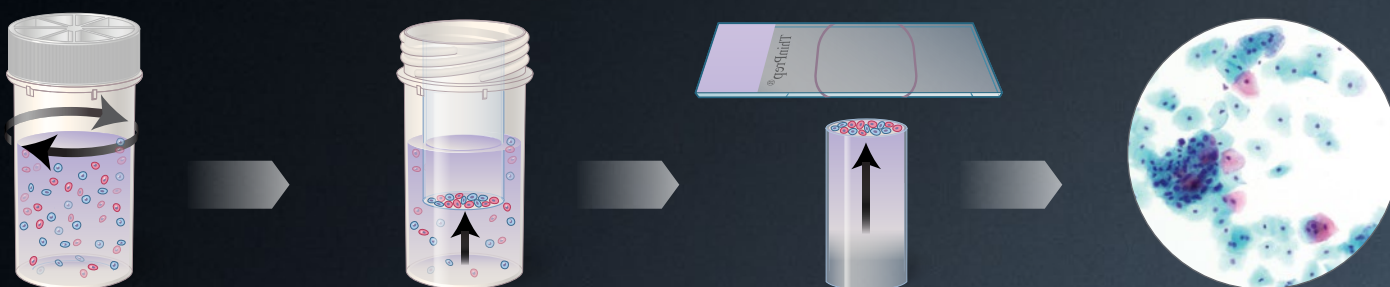
# Print On-Demand

- ▶ Multiple barcode format options (1D, 2D, and OCR) and intuitive slide label design allows a variety of data/layouts to be printed.
- ▶ Compatibility with the Panther® system and ThinPrep® imaging systems helps promote a smooth, comprehensive workflow.



# Trusted Technology

For more than 25 years, healthcare providers have trusted ThinPrep® more than any other brand. It is the preferred choice in liquid-based cytology today, with more than **1 billion ThinPrep Pap tests performed**.



## 1. Closed Cap Dispersion

The sample vial is rotated, separating debris and dispersing mucus gently enough to have no adverse effect on cell appearance.

## 2. Cell Collection

A vacuum is created within the filter, collecting cells on the surface of the membrane. Cell collection is controlled by the processor's software, as it monitors the rate of flow through the filter.

## 3. Cell Transfer

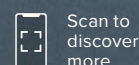
The filter is inverted and gently pressed against the glass slide. Natural attraction and slight positive air pressure cause the cells to adhere to the slide, resulting in even distribution within the defined area.

## 4. Clear Results

The resulting slide provides a clear representation of sample cells, free from obscuring elements for ease of visualization.

## ThinPrep Genesis Processor Specifications

Processor Dimensions	Width 18.8 in (48 cm), Height 22.8 in (58 cm), Depth 14.1 in (36 cm)
Processor Weight	Approximately 89 lbs (40.3 kg)
Slide Printer Dimensions	Width 7.1 in (18 cm), Height 8.6 in (22 cm), Depth 12.6 in (32 cm)
Tube Printer Dimensions	Width 5.1 in (13 cm), Height 5.9 in (15 cm), Depth 9.2 in (24 cm)
Waste Bottle Dimensions	Height 17 in (43 cm), Diameter 6 in (15 cm)
Barcode Support	Acceptable label formats: 1D linear barcodes (Code 128, Interleaved 2 of 5, Code 39, Code 93, Codabar), 2D DataMatrix and QR Code barcodes (vial and slide only), ThinPrep Imager compatible 7/7 OCR (slide only)
Supported Sample Types	Gynecological, Non-Gyn (Urine, Mucoïd, Body Fluid, Superficial, and Fine Needle Aspiration), and UroCyt <sup>®</sup>
Aliquot Volume Line	1 mL



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