

REPRESENTATIVE THIN LAYER OF CELLULAR MATERIAL IS REDUCED OF OBSCURING ELEMENTS

ThinPrep 2000 Processor

ThinPrep® System

A semi-automated sample preparation instrument to prepare GYN and NON GYN cytology specimens

The ThinPrep 2000 Processor will include an Accessory Kit containing:

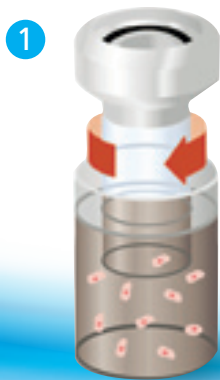
- Waste Bottle
- Filter Caps
- Operator's Manual
- Power Cord
- Dispenser Pump
- Program Memory Card
- Miscellaneous maintenance items

	<i>ThinPrep® Processor</i>	<i>Waste Bottle</i>
<i>Dimensions</i>	<i>width: 18"/46cm height: 19.5"/50cm depth: 15"/38cm</i>	<i>width: 6"/15cm height: 17"/43cm depth: 6"/15cm</i>
<i>Weight</i>	<i>41lbs / 19kg (approx)</i>	-
<i>Clearance</i>	<i>front: 0"/0cm rear: 3"/8cm side (ea): 3"/8cm top: 0"/0cm</i>	<i>front: 0"/0cm rear: 3"/8cm side (ea): 3"/8cm top: 0"/0cm</i>
<i>Operating Temperature</i>	<i>15-32°C / 59-90°F</i>	-
<i>Operating Humidity</i>	<i>20%-90% RH non-condensing</i>	-
<i>Electrical</i>	<i>100/120 VAC at 2 amps</i>	-
<i>Voltage</i>	<i>220/240 VAC at 1 amp</i>	-
<i>Frequency</i>	<i>47-63 Hz</i>	-
<i>Power</i>	<i>Maximum 200 watts</i>	-

The ThinPrep 2000 Processor utilises mechanical, pneumatic and fluidic principles for **cell dispersion, collection and transfer**.

- **Dispersion:** A rotary drive mechanism gently disperses samples
- **Collection:** A pneumatic / fluid system, controlled by a microprocessor, monitors cell collection
- **Transfer:** Computer controlled positioning and positive air pressure facilitate transfer of cells to the ThinPrep Microscope slide

Each ThinPrep 2000 Processor slide preparation processing sequence is optimised for the biological characteristics of the various cytologic specimens.



1 Dispersion:

- The TransCyt Filter rotates within the sample vial
- Currents are created in the fluid that are
 - strong enough to separate debris and disperse mucus
 - gentle enough to have no adverse effect on cell appearance



2 Cell Collection:

- A gentle vacuum is created within the TransCyt Filter
- Cells are collected on the exterior surface of the membrane
- Cell collection is controlled by the ThinPrep 2000 Processor software that monitors the rate of flow through the TransCyt Filter



3 Cell Transfer:

- Following Cell collection on the membrane, the TransCyt Filter is inverted then gently pressed against the ThinPrep Microscope slide
- Natural attraction with computer controlled mechanical positioning and positive air pressure causes the cells to adhere to the ThinPrep Microscope slide resulting in an even distribution of cells in a defined circular area

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The Women's Health Company

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