

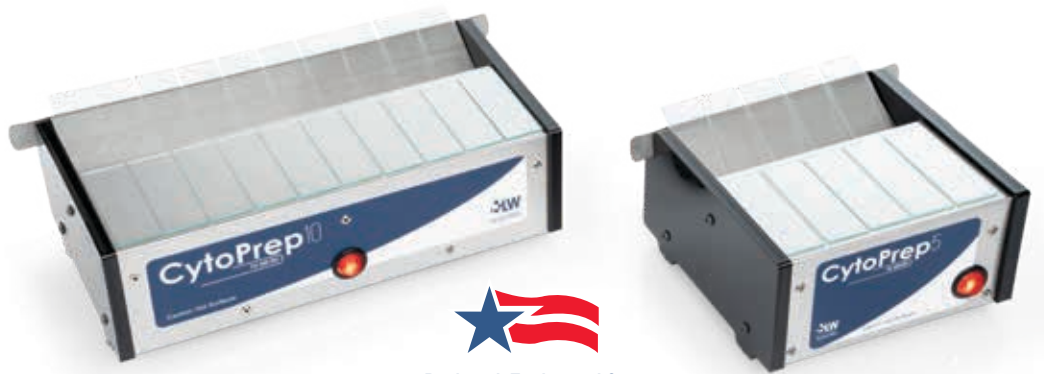
CytoPrep Fix & Dry

Instruction Manual



Models pictured:

CytoPrep 10 & CytoPrep 5



Designed, Engineered &
Assembled Proudly in USA

Patent Pending

Introduction

The LW Scientific CytoPrep is a combination device that safely heat-fixes cytologies and quickly dries slides for rapid microscopy results.

Heat-fixing cells onto slides is the best way to ensure that cells adhere flat onto the glass and fully accept stains with minimum wash-off. The CytoPrep eliminates the use of dangerous open flames with a controlled hot surface that can rapidly heat-fix slides in as little as 1 minute. Waiting 15 minutes for slides to dry or using a hair dryer is inefficient and cumbersome. The CytoPrep can dry slides in one minute using a warm gentle air stream across the removable, washable slide rack.

Getting Started

- 1 Carefully unpack the CytoPrep and included power adapter, saving packing materials in the unlikely event you need to return the item. Immediately contact your distributor if you detect any damage. If you need to return the CytoPrep to LW Scientific, please use the original packing material.
- 2 Place CytoPrep on a flat, stable surface away from the edges and away from cooling air from sources such as fans or air conditioning. Ensure that the power switch is set in the "OFF" position.
- 3 Connect the included power adapter to the CytoPrep, attach the provided line cord, and then plug it into a properly grounded electrical outlet. (Use only the supplied power adapter and plug.)
- 4 Turn on the red main power switch located on the front of the unit. The fans will immediately begin to blow air over the drying rack.
- 5 Wait 20 minutes for the unit to come up to temperature. At an ambient temperature of 73°F, the front platform will heat up to 125 °F (+/- 5 °F). The rear drying rack will blow warm air at 100 °F (+/- 5 °F).
- 6 Once the unit is up to temperature, you can begin to heat fix and dry your slides.
- 7 **The CytoPrep is designed to operate for multiple hours at a time without being powered off.** Just be sure to turn the unit off overnight, or when not in use for extended periods of time.

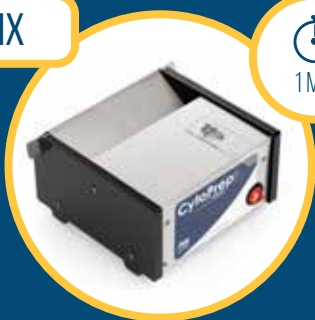
Ear Cytologies

SMEAR



Make a thin smear.

FIX



Set on the heated front platform for 1 minute or until visibly dry.

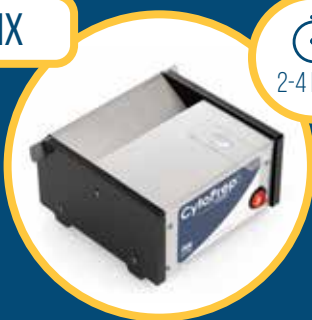
Urinalysis

APPLY



Deposit sediment.

FIX



Set on the heated front platform for 2-4 minutes or until visibly dry.

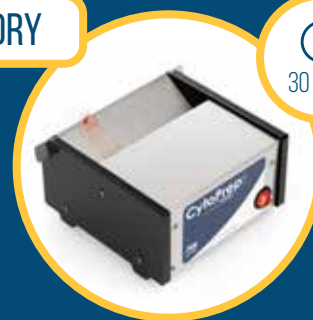
Blood / Aspirates

SMEAR



Make a thin smear.

DRY



Place slide on the rear drying rack for 30 seconds or until visibly dry.

WARNING - Do not heat fix blood smear using the heated platform as this will result in crenation of the cells.

STAIN



Dip specimen into the stain.

RINSE



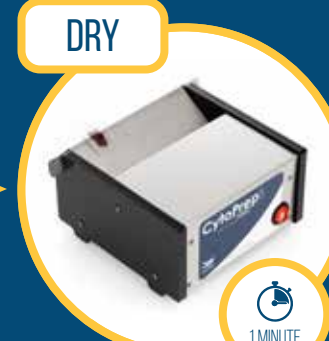
Rinse the specimen.

DAB



Dry rear of slide with a paper towel, then tap and dab all edges to remove excess water.

DRY



Set on the drying rack for 1 minute or until visibly dry.

WARNING - Do not dab the top surface of the slide as this will result in the removal of the sample.

Care and Maintenance

1 Cleaning the exterior



To clean the unit, first remove the drying rack.



Wipe down the unit with any common disinfectant.



Rinse the drying rack in the sink, or wipe down as needed.

2 Cleaning the interior



Every few years, or as needed, check the unit for any accumulated debris inside. Inspect the fan slots underneath the unit.



If there is debris visible, or the fans are not running well, remove the side panels using a 3mm hex wrench.



Using an air sprayer, clean the interior of the unit.

Warranty and Support

Caution: Read and follow the operating instructions fully before use.

- Do not leave the unit unattended for extended periods. Regularly monitor the unit when in use.
- Connect only to a power supply that provides a safety ground terminal.
- Ensure that the power switch is easily accessible during use.
- Do not block or restrict ventilation slots.
- It is the user's responsibility to carry out the appropriate decontamination if hazardous material is spilled on or inside the equipment.

The CytoPrep comes with a one (1) year limited warranty. This warranty is not valid on normal wear and tear, cosmetic damages caused by chemicals, solvents, and/or cleaning solutions, as well as acts of God.

Service and repair instructions: In the event that a problem arises with your instrument, please notify LW Scientific at <https://www.lwscientific.com/pages/technical-support-request>

Specifications

Temperature:	Front platform heats up to 125°F - Drying rack heats air up to 100°F		
Accuracy:	+/- 5°F at ambient temperature 73°F		
Power:	Auto-switching CE/cUL approved power adapter		
Output:	24vDC/6amp		
Input:	100-240VAC 50/60Hz		
Capacity:	5 or 10 slides		
10-slide Unit Dimensions:		5-slide Unit Dimensions:	
Width:	12.5 in (31.7 cm)	Width:	6.25 in (16 cm)
Depth:	6.25 in (16 cm)	Depth:	6.25 in (16 cm)
Height:	3.75 in (9.5 cm)	Height:	3.75 in (9.5 cm)
Weight:	5 lbs (2.3 kg)	Weight:	2.5 lbs (1.1 kg)