

CytoPrep Fix & Dry

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, especially when preparing ear cytologies or drying a urine slide before staining, is the best way to ensure that cells adhere flat onto the glass and fully accept stains with minimum wash-off. The traditional method of heat-fixing slides with a bunsen burner or lighter is considered too dangerous by many clinics, because of safety concerns of an open-flame, and is also inconsistent because of poor temperature control. Open flames also create black soot on the slide which must be wiped off prior to staining. The CytoPrep eliminates these concerns with a controlled warm surface that can accommodate up to 5 or 10 slides for rapid heat-fixing in as little as 1 minute.

After slides are heat-fixed then stained and rinsed with water, the slides need to dry before viewing under the microscope. The traditional methods of propping up slides for 15 minutes of air drying or using a hair dryer when the case is urgent and critical, are inefficient, cumbersome, and cluttered. The CytoPrep can dry up to 5 or 10 slides in a minute using a warm gentle air stream, while slides rest in the removable, washable slide rack. The CytoPrep is the most efficient and convenient combination cytology prep device available, saving time, saving valuable counter-space, and improving results in the laboratory.



Designed, Engineered &
Assembled Proudly in America

Patent Pending

SPECIFICATIONS

5 and 10 slide capacity
Front platform heats to 120°F (+/- 5°)
The rear drying rack heats air to 100°F (+/- 5°)
Heat-fixes ear cytologies in 1 minute
Dries smears in 30 seconds
Dries rinsed slides in 1 minute

CONSTRUCTION

Stainless steel surfaces
Removable rear drying rack
Ultra-quiet fans for silent drying

POWER

Input: 100-240V, 50/60Hz
Output: 24VDC/6Amp

CYTOPREP 10

Unpacked:
3.75 x 6.25 x 12.5in
Weight: 4.5lbs (2.04kg)

Packaged:
8 x 10 x 16in
Weight: 5lb (2.27kg)

CYTOPREP 5

Unpacked:
3.75 x 6.25 x 6.25in
Weight: 2.5lbs (1.13kg)

Packaged:
8 x 8 x 6in
Weight: 3lb (1.36kg)

CytoPrep Fix & Dry

Model #	Description
CPL-FXDR-10S3	10-slide cytology prep station
CPL-FXDR-05S3	5-slide cytology prep station

- Designed, engineered, and assembled in the USA
- Time saving and efficient
- Capacity: 5 and 10 Slides

CytoPrep
FIX AND DRY



LW
Scientific

P 770.270.1394
F 770.270.2389

865 Marathon Parkway
Lawrenceville GA 30046

LWScientific.com

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.

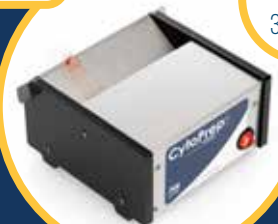
Blood / Aspirates

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



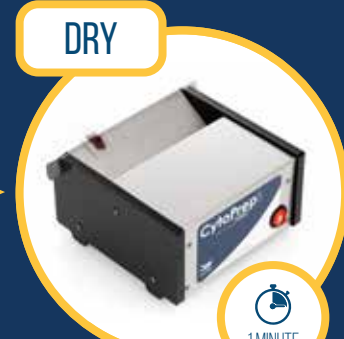
Rinse the specimen.

DAB



Dry rear of slide with a paper towel. 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.