

# ThermoBrite®

SLIDE DENATURATION/HYBRIDIZATION SYSTEM

Programmable Temperature Controlled Slide Processing System for (F)ISH Procedures



...Safer hands-free system cuts steps and saves time

...Supports a wide range of sample types

...Assures overall precision and accuracy in (F)ISH assays

**Iris**<sup>®</sup>  
Sample Processing

# HANDS FREE DENATURATION AND HYBRIDIZATION

## ThermoBrite®

DENATURATION AND HYBRIDIZATION SYSTEM

This programmable system automates the denaturation and hybridization steps in slide-based (F)ISH procedures, and provides walk-away convenience for clinical and research personnel. The low priced unit accepts a wide range of sample types, is easy to use, and reduces hands-on time by more than 50% while ensuring overall precision and accuracy in all (F)ISH assays.

### The ThermoBrite system:

- Reduces hands-on time because it combines steps in (F)ISH procedures
- Eliminates the preparation and disposal of hazardous solutions
- Slides do not need to be fully loaded to maintain temperature accuracy across all 12 slide positions
- Slide guide keeps slides in place and allows for one hand removal
- Saves money with labor savings and less reagents
- Membrane panel allows for easy cleaning
- Small compact size
- Supports a wide range of sample types



Ideal for denaturation/hybridization of *in-situ* hybridization procedures

## N FOR *IN-SITU* DNA PROBE PROCEDURES

The StatSpin ThermoBrite System holds up to 12 slides. The lid seals tightly when closed providing optimal chamber temperature and humidity. The system maintains uniform temperature across all slide positions  $\pm 1^\circ\text{C}$ . Slides can be easily added or removed with one hand. The numeric keypad allows for easy programming with 40 user defined protocol settings and 3 modes of operation; Denaturation/Hybridization, Hybridization only, and Fixed Temperature.



### User Programmable Settings

- 40 user defined protocols and 3 operating modes
- Easy to read backlit display
- Numeric keypad allows for easy programming
- Can be used as a fixed temperature slide warmer

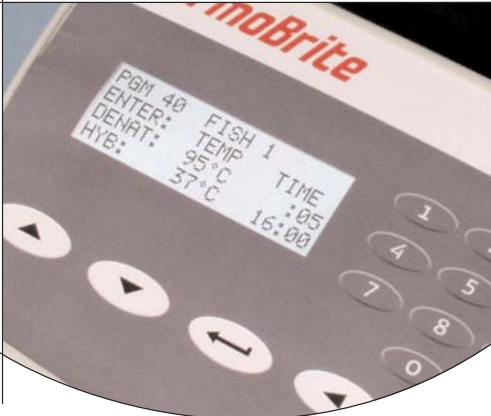
### More stringent temperature control

- Rapid temperature ramp-up from 37-95° C in less than 3 minutes and cooling from 95-45° C in less than 6 minutes
- Superior temperature uniformity across all slide positions of  $\pm 1^\circ\text{C}$
- Optimal humidity control
- Heats slide to temperatures ideal for (F)ISH procedures

Insert two Humidity Control Cards into the lid. Saturate the strips with water then add slides and close the lid.



Program the ThermoBrite: 5 minute denaturation at 95° C and 14-20 hours of hybridization at 37° C, or according to protocol.



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The ThermoBrite System from StatSpin provides an easy, safe, system for *in-situ* hybridization procedures. This convenient open system eliminates steps, reduces hands-on time and improves precision compared to manually performed procedures.



## System Specifications:

<b>Dimensions</b>	Height	146 mm	(5 5/16 inches)
	Width	228 mm	(8 15/16 inches)
	Depth	451 mm	(17 3/4 inches)
	Weight	8.5 kg	(18.7 lbs)
<b>Capacity</b>	12 slides		
<b>Processing time</b>	Programmable 0 to 100 hours Continuous mode		
<b>Power</b>	120 VAC at 3A 240 VAC at 1.6A		
<b>Temperature Control</b>	Programmable 30–99° C		
<b>Ambient Operating Temperature</b>	5–40° C (41–104° F)		
<b>Ambient Operating Humidity</b>	20–80% relative		

## ThermoBrite Ordering Information

Product #	Description
TS01	120 VAC 50–60 Hz
TS02	240 VAC 50–60 Hz
HC10	10 Humidity Control Cards



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