

ThermoBrite®

Slide Denaturation/Hybridization System

Programmable Temperature Controlled Slide Processing Instrument



Ideal for denaturation/hybridization of FISH –
fluorescent *in situ* hybridization procedures

This programmable system automates the denaturation and hybridization steps in slide-based FISH procedures, and provides walk-away convenience for clinical and research personnel. The low cost 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 FISH assays.

USER PROGRAMMABLE SETTINGS

- 40 user defined protocols and 3 operating modes
- Easy to read backlit display
- Numeric keypad allows for easy programming
- Fixed temperature setting for slide baking

EASY TO USE

- Reduces hands-on time during ISH procedures
- Does not need to be fully loaded to maintain temperature accuracy
- Slide separator keeps slides in place and allows for one hand removal



ADVANTAGES OVER MANUAL PROCESSING

- Replaces water bath and hybridization oven
- Superior temperature control compared to water bath
- No need to denature slides in toxic formamide
- No need to denature probes separately
- Eliminates many manual steps

ThermoBrite Slide Denaturation/Hybridization System



The Leica Biosystems ThermoBrite holds up to 12 slides. The cover gasket seals tightly when closed providing optimal chamber humidity. The system maintains uniform temperature across all slide positions. Slides can be easily added or removed with one hand. The numeric keypad allows for easy creating and running of up to 40 programs and 3 modes of operation: Denaturation/Hybridization, Hybridization, and Fixed Temperature.

SYSTEM SPECIFICATIONS:

PRODUCTS	3800-004852-001 - ThermoBrite Slide Denaturation/Hybridization System 120V 3800-004852-002 - ThermoBrite Slide Denaturation/Hybridization System 240V 3800-004970-001 - Humidity Card, 10pk 3800-006418-001 - ThermoBrite Temperature Verification Kit	
DIMENSIONS	Height	13.5 cm/5.3 in
	Width	22.8 cm/9.0 in
	Depth	45.1 cm/17.8 in
	Weight	8.5 kg/18.7 lb
CAPACITY	Up to 12 slides per run	
PROCESSING TIME	Programmable 00:01 - 99:59 hr:min	
POWER	120 VAC at 3A 240 VAC at 1.6A	
TEMPERATURE RANGE	30-99° C/ 86-210.2° F	
AMBIENT OPERATING TEMPERATURE	15–40° C/ 59–104° F	
AMBIENT OPERATING HUMIDITY	Relative humidity: max. 80% < 15° C = 59° F, decreasing linearly to 50% at 40° C = 104° F	

LEICA BIOSYSTEMS

Leica Biosystems (LeicaBiosystems.com), a global leader in workflow solutions and automation, provides anatomical pathology laboratories and researchers a comprehensive product range for each step in the pathology process, from sample preparation and staining to imaging and reporting. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence.

Leica Biosystems brings together products, quality and support. Offering a complete solution that helps you advance workflows, enhance diagnostic clarity and deliver what really matters – better patient care.