

# High Capacity FISH Hybridization System

Denatures and Hybridizes 72 Slides in Half the Cost and Bench Space of SIX ThermoBrite Instruments

## CytoBrite® Slide Incubation System with Slide Oven



CytoBrite System with Oven

A single CytoBrite Slide Incubation System can perform the short denaturation step on multiple batches of up to 12 FISH slides with each batch then transferred to the CytoBrite Slide Oven for overnight incubation. The combined instruments hybridize up to 72 FISH slides simultaneously; the equivalent capacity of SIX ThermoBrite instruments at less than half the cost and bench space.

Removable slide trays streamline work by holding slides for probe addition, coverslipping and transfers between instruments. No humidity strips or chambers are required since coverslips are sealed with CytoBond Removable Coverslip Sealant that doesn't dry out and removes easily and cleanly in one-piece post-hybridization.

Built-in temperature calibration system eliminates the cost of factory or third party calibration required for CLIA compliance.

PRODUCTS		CATALOG #
CytoBrite Slide Incubation System, 115/230V.		2019-00-1
CytoBrite Slide Oven, 115V.		2019-70-1
CytoBrite Slide Oven, 230V.		2019-70-2
ACCESSORIES		
Additional CytoBrite 6-slide tray.		2019-10-0
CytoBond Removable Coverslip Sealant, 100 ml.		2020-00-1
Digital Thermometer, handheld, with NIST certificate and cable.		1051-52-0
SYSTEM SPECIFICATIONS		DESCRIPTION
Electrical	Cat # 2019-00-1	115/230V AC, 50/60Hz, 6A/3A
Dimensions (HxWxD)		8x10x15 inches (20 x25x38 cm)
Instrument Weight		20 lbs (9 kg) net
Performance		
Temperature range:		15 to 90°C
Temperature regulation:		± 0.2°C from set point
Temperature accuracy:		± 0.5°C
Heating rate:		37 to 75°C in < 2 minutes
Cooling rate:		75 to 37°C in < 2 minutes
OVEN SPECIFICATIONS		DESCRIPTION
Electrical	Cat # 2019-70-X	115/230V AC, 50/60Hz, 6A/3A
Dimensions (HxWxD)		22x18x17 inches (55x45x42 cm)
Instrument Weight		100 lbs (45 kg) net — with 5 drawers
Performance		
Temperature range:		ambient +5 to 90°C
Temperature regulation:		± 0.5°C from set point
Slide-to-slide temperature variation:		< 0.5°C
Open door temperature drop:		0.2°C @ 37°C after 30 seconds
PUB #	PUBLICATIONS	TYPE
520	CytoBrite Slide Incubation System User Manual	Manual
523	CytoBrite Slide Oven User Manual	Manual

For Research Use Only

### High Capacity System:

- Denatures and hybridizes 72 slides
- Equivalent to 6 Thermobrites at under half the cost
- Uses 50% less bench space than Thermobrites
- Built-in temperature calibration eliminates CLIA certification cost
- Removable 6-slide trays streamline slide set up and transfers
- Slides incubated dry – No humidity strips or chambers needed



After denaturation, transfer batches of slides to the CytoBrite Oven for overnight incubation.

