



CytoBrite® Slide Oven



CytoBrite Slide Oven

High capacity convection oven for performing the lengthy probe hybridization step for up to 60 FISH/ISH slides. All slide positions are uniformly heated to $\pm 0.5^{\circ}\text{C}$ from set point. Slides are loaded using trays that drop into heat blocks mounted on five pull out drawers. Operates without humidification using CytoBond Removable Coverslip Sealant.

For Research Use Only

- Capacity of five ThermoBrite instruments while using 60% less bench space
- Slide trays reduce handling at every step from assay setup through oven loading
- Eliminates slide-to-slide temperature variation found on other instruments
- Integrates with CytoBrite Slide Incubation System for probe denaturation
- Eliminates need for humidification with CytoBond Removable Coverslip Sealant
- Built-in temperature calibration for CLIA certification

PRODUCT		CATALOG #
CytoBrite Slide Oven, 115V.		2019-70-1
CytoBrite Slide Oven, 230V.		2019-70-2
ACCESSORIES		CATALOG #
CytoBrite Slide Incubation System, 115/230V.		2019-00-1
CytoBrite Duo Slide Incubation System, 115/230V.		2019-20-1
CytoBrite Slide tray. Holds up to 6 slides.		2019-10-0
CytoBond Removable Coverslip Sealant, 100 ml.		2020-00-1
Digital Thermometer, handheld, with NIST certificate and cable.		1051-52-0

SPECIFICATION	DESCRIPTION
Equipment Included	CytoBrite oven with 10x 6-slide trays.
Electrical	115V AC, 50/60Hz, 3.5A 230V AC, 50/60Hz, 1.3A
Dimensions (HxWxD)	22 x 18 x 17 inches (55 x 45 x 42 cm)
Instrument Weight	100 lbs (45 kg) net
Performance	Capacity: 60x standard microscope slides (1x3 inch) Temperature Range: ambient +5 to 90°C Temperature Regulation: $\pm 0.5^{\circ}\text{C}$ from set point Slide-to-slide Temperature Variation: $< 0.5^{\circ}\text{C}$ Open Door Temperature Drop: 0.2°C @ 37°C after 30 seconds Preheat Time: 4 to 5 hours

RELATED PRODUCT	DESCRIPTION
CytoBrite Slide Incubation System	Programmable heating/cooling instrument for FISH/ISH denaturation/incubation.
CytoBrite Duo Slide Incubation System	Dual temperature heating instrument for FISH/ISH denaturation/incubation.
Little Dipper Processor	Automates processing of slides for FISH and karyotype analysis.
FISH Wash Buffers	Ready-to-use for post-hybridization washing of FISH slides.
CytoZyme Stabilized Pepsin	For readying tissue samples for hybridization with nucleic acid probes
CytoBond Removable Coverslip Sealant	Ready-to-use for temporary sealing slide coverslips.
Sodium Thiocyanate Pretreatment Reagent (NaSCN)	Ready-to-use for pre-treating tissue samples prior to application of nucleic acid probes

PUB #	PUBLICATIONS	TYPE
523	CytoBrite Slide Oven User Manual	Manual



Slide trays drop into heat blocks mounted in five pull out drawers.



No humidification needed using CytoBond Sealant.



After denaturation on the CytoBrite System trays are moved to the oven.