



### CytoBrite® Duo Slide Incubation System



CytoBrite Duo System

Dual temperature slide heating instrument for FISH/ISH applications. Uses a convenient 6-slide tray for transfers between two independently controlled heat blocks. Typically, a slide tray is placed in the first block for incubation, transferred to the second for probe denaturation and returned to the first block. Alternatively, after denaturation, trays may be placed into a high capacity CytoBrite Slide Oven for the lengthy hybridization step. Slides are uniformly heated to  $\pm 0.5^{\circ}\text{C}$  from set point. Operates without humidification using CytoBond Removable Coverslip Sealant.

For Research Use Only

- Affordable – half the price of other FISH slide hybridizers
- Provides snap heating and cooling of slides at desired temperatures
- Slide trays reduce handling at every step from assay setup to hybridization
- Eliminates slide-to-slide temperature variation found on other instruments
- Integrates with CytoBrite Slide Oven for lengthy probe hybridization
- Eliminates need for humidification with CytoBond Removable Coverslip Sealant

PRODUCT	CATALOG #
CytoBrite Duo Slide Incubation System, 115/230V.	2019-20-1
ACCESSORIES	CATALOG #
CytoBrite Slide Oven, 115V.	2019-70-1
CytoBrite Slide Oven, 230V.	2019-70-2
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
<b>Equipment Included</b>	CytoBrite Duo System with 2x 6-slide trays.
<b>Electrical</b>	115/230V AC, 50/60Hz, 3.5/1.3A
<b>Dimensions (HxWxD)</b>	6 x 10 x 13.5 inches (15 x 25.5 x 34 cm)
<b>Instrument Weight</b>	12 lbs (5.4 kg) net
<b>Performance</b>	
Capacity	12x standard microscope slides (1x3 in) in two blocks of 6x slides each
Temperature Range	ambient +5 to 90°C
Temperature Regulation	$\pm 0.2^{\circ}\text{C}$ from set point
Slide-to-slide Temperature Variation	< 0.5°C
Preheat time	< 15 minutes

RELATED PRODUCT	DESCRIPTION
CytoBrite Slide Oven	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
524	CytoBrite Duo Slide Incubation System Manual	Manual



Slide trays streamline workflow and reduce handling.



No humidification needed using CytoBond Sealant.



Trays can be moved to the CytoBrite Slide Oven for lengthy hybridization.