ONCORE PRO

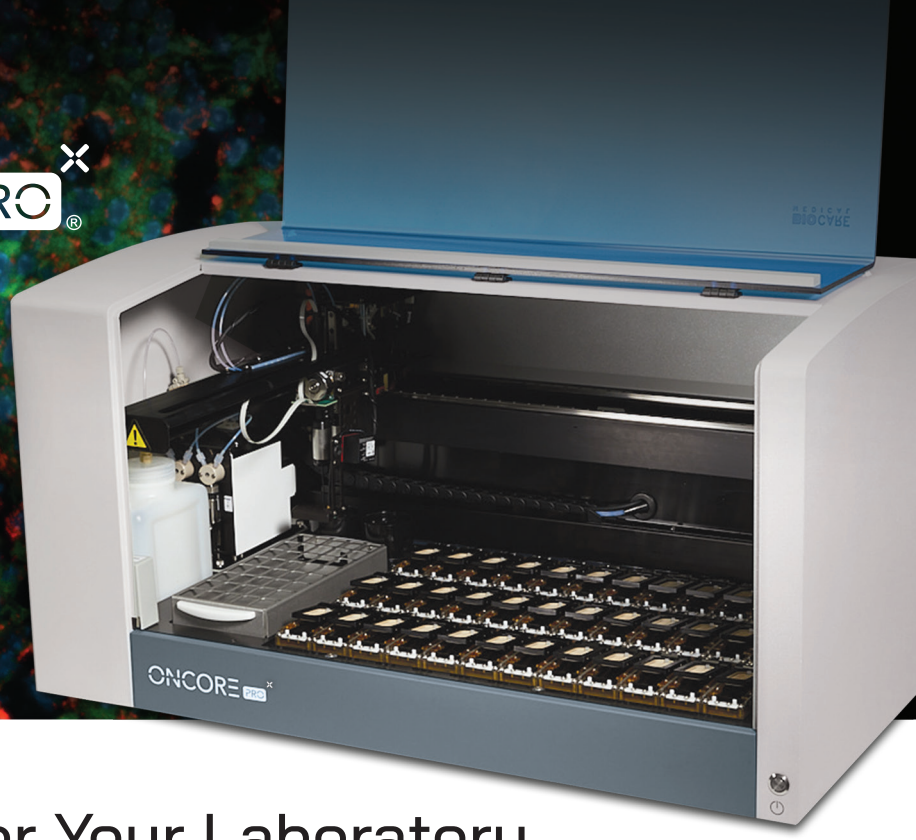
Fully Open Research Automation

Unlock Your Research Potential
IHC, ISH, IF & FISH

BIOCARE
MEDICAL

ONCORE PRO X

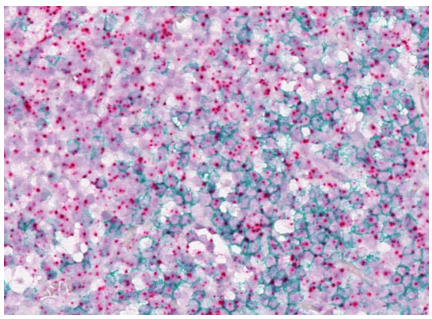
The Most Open System In Its Class



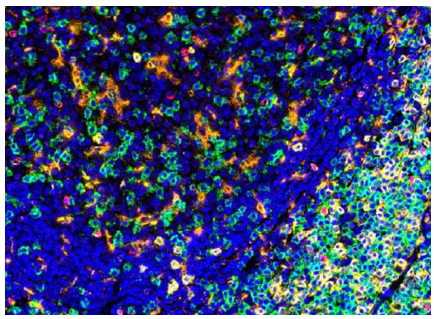
Pro Performance For Your Laboratory

- Utilize Biocare reagents or Third Party Reagents
- Compact System with Minimal Bulk Containers
- Conserve Reagent with 130uL Antibody Dispense Volume
- Simple Design, Simple Software
- Simultaneous Multiplex IHC capabilities
- Hazardous Waste Separation

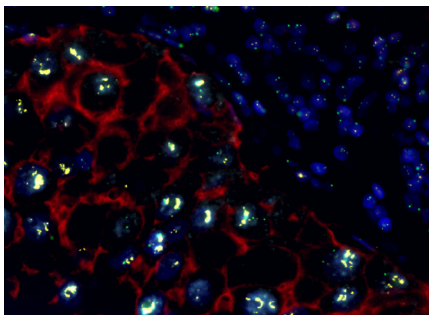
The ONCORE Pro X is a fully open slide staining system allowing you to perform fully automated IHC, FISH & ISH. Use Biocare's advanced ready-to-use reagents or utilize third-party probes for your laboratory research. The ONCORE Pro X is founded on the principle of being fully open while allowing complete automation. Every aspect of the instrument is fully open from the reagents you use to the protocols and steps you can create within its advanced software. Unlock your research potential with the ONCORE Pro X open slide stainer today!



ONCORE Pro X staining of Molecular Instruments PPIB HCR ISH in Warp Red chromogen, CD3 IHC in Vina Green chromogen. Image courtesy of Ensigna Biosystems



ONCORE Pro X staining of Akoya TSA panel (CD4 – Green, CD8 – Yellow, CD68 – Orange, FoxP3 – Red, DAPI Counterstain). Image courtesy of Ensigna Biosystems



ONCORE Pro X combined detection of Her2 Protein (IF – Red), ERBB2/Copy Control 17 FISH – Green/Orange, and ERBB2 mRNA ISH (Cyan).

Fighting Cancer One Slide at a Time

Ultimate Flexibility Meets Advanced Productivity

Complete Automation

ONCORE Pro X Automated Slide Staining System is a compact and convenient bench-top instrument that can perform immunohistochemistry (IHC) and in-situ hybridization (ISH) procedures on formalin-fixed paraffin-embedded (FFPE) tissues. The on-board capabilities include slide baking, deparaffinization, antigen retrieval, counterstaining, and antibody or probe detection for IHC, Multiplex IHC and ISH applications.

- Fully Automated Online Antigen Retrieval (HIER)
- Ready to Use Single and Multiplex IHC Staining Protocols
- Conserve Bench Space with Compact Footprint

Convenient & Easy to Use

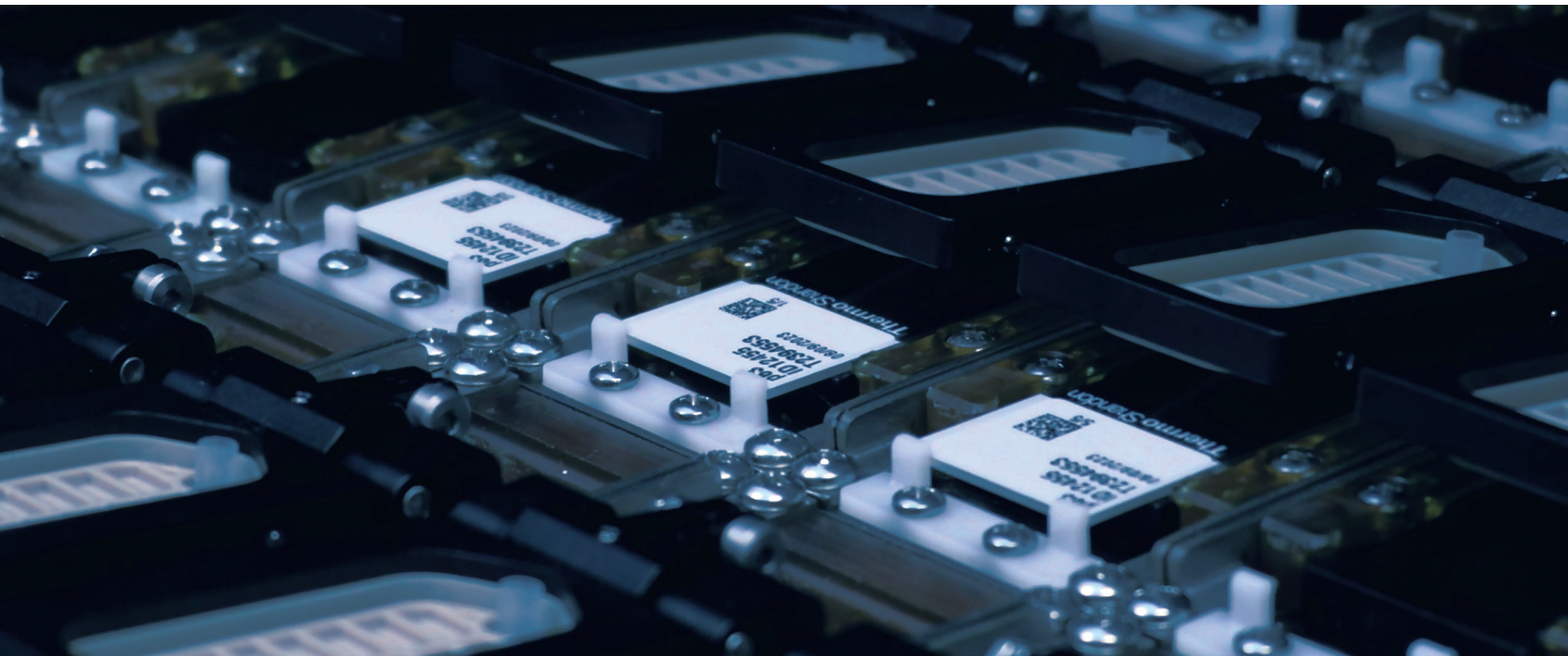
ONCORE Pro X contains multiple features for added convenience, flexibility, and ease of use. The system's software interface is intuitive and easy to use, requiring minimal user interaction from the beginning-to-end of a run. ONCORE Pro X also utilizes 2-D Matrix labels that can be printed for patient slides, significantly reducing patient identification errors. Independent slide positions allow for unique protocols to be performed on individual slides during a run.

- Intuitive Software for Ease of Use & Protocol Programming
- 2-D Matrix Labels Virtually Eliminate Sample ID Errors
- Waste Separation Reduces Hazardous Waste & Disposal Costs

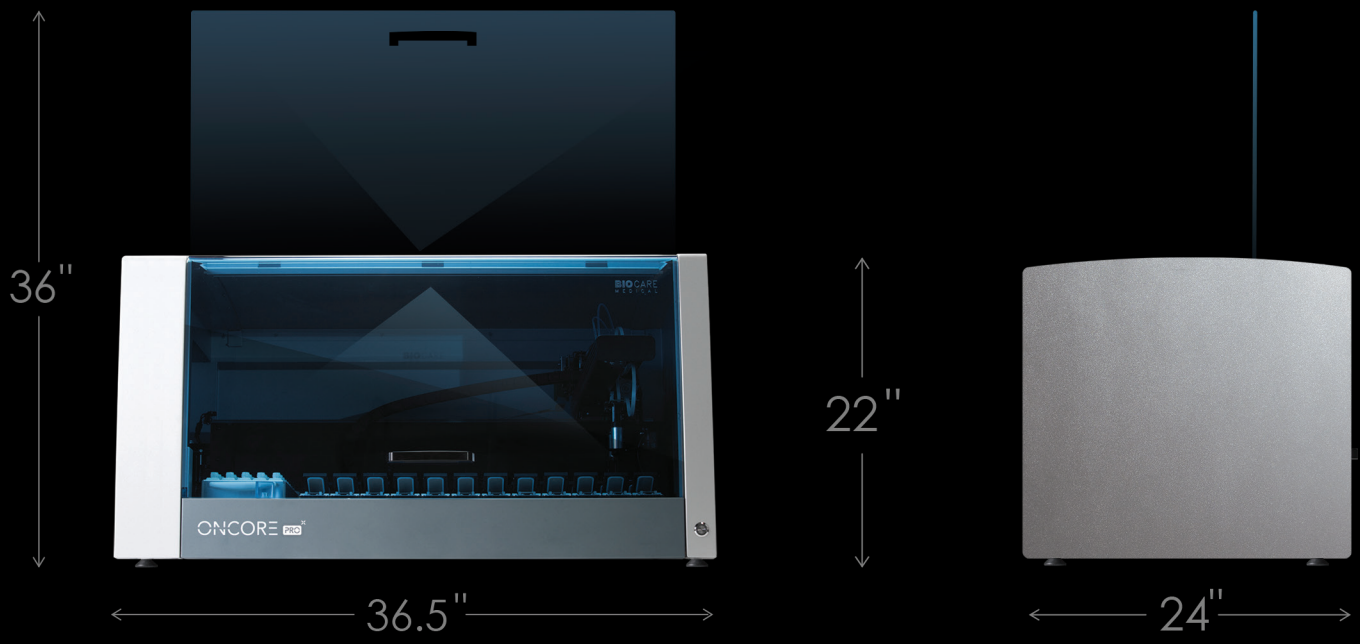
Innovative Technologies

ONCORE Pro X utilizes unique reaction modules that protect slides between a heated platform and a reagent containment chamber. These chambers provide gentle agitation during reagent incubation to maximize stain intensity. Reagent vials are identified using RFID technology which stores vital information including name, lot number, expiration date, and the number of tests minimizing user error through real-time tracking of reagent volumes.

- Kinetic Incubation to Maximize Staining Intensity
- User-fillable Vials for Third Party Reagents
- Individual Reagent Chambers Minimize Reagent Use & Evaporation



System Dimensions



System Specifications

Classification	RUO
Slide Capacity	36 slides
Reagent Rack	One reagent rack holds a maximum of 40 reagent vials
Antigen Retrieval Temperature Range	Room temperature to 103°C; Max 110°C at Sea Level
Multi-Dispensing Syringe Capacity	5mL
Dispense Volume	Antibody: 140uL; Reagent: 65 minimum - 400 µl maximum
DePar Dispense Volume	DS1 - 260uL and DS2 - 215uL
Carboys & Waste	Wash Buffer (2L), Hazardous (4L) and Non-Hazardous Waste (4L)
Unit Control	One Instrument Per Computer
Instrument Weight	125lbs (57 kgs)
Instrument Dimensions	36.5 in x 22 in x 24 in / 93 cm x 56 cm x 61 cm (Door Closed) 36.5 in x 36 in x 24 in / 93 cm x 91 cm x 61 cm (Door Open)
Electrical Requirements	120V 110/120V (±10%) 60Hz (±2Hz) 850 watts 220V 220/240V (±10%) 50Hz (±2Hz) 850 watts
Voltage Tolerance	100 to 240 AC
Noise Rating	Minimum Operating Noise 47.0 dBA, Maximum Operating Noise 69.6 dBA
Reports	Slide Barcode, Slide Information, Staining Runs

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