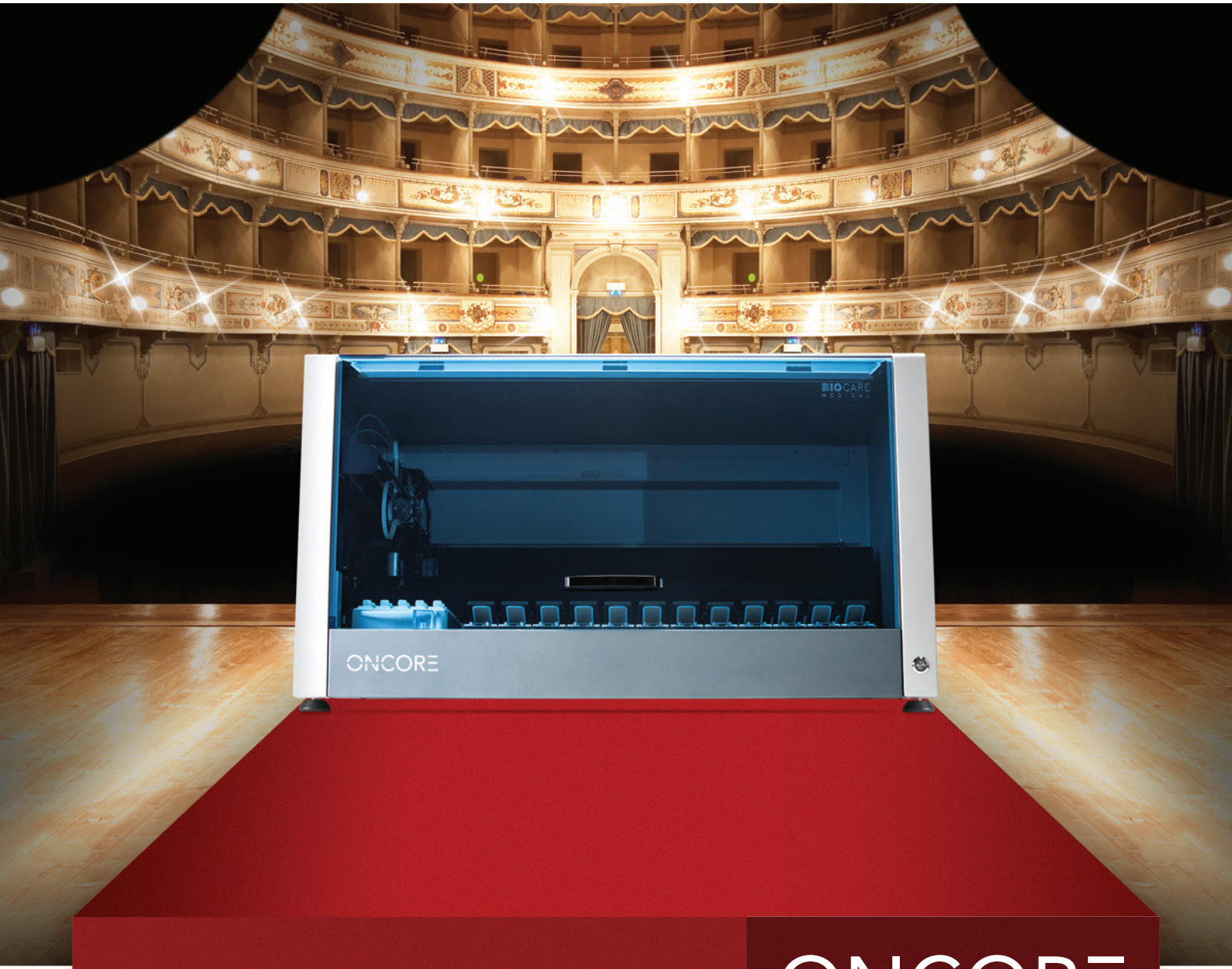
BIOCARE MEDICAL

ONCORE

Automated Slide Staining System



Every Great Performance, **Deserves an** ONCORE

A-List Reagents · Full Automation · Premier Results

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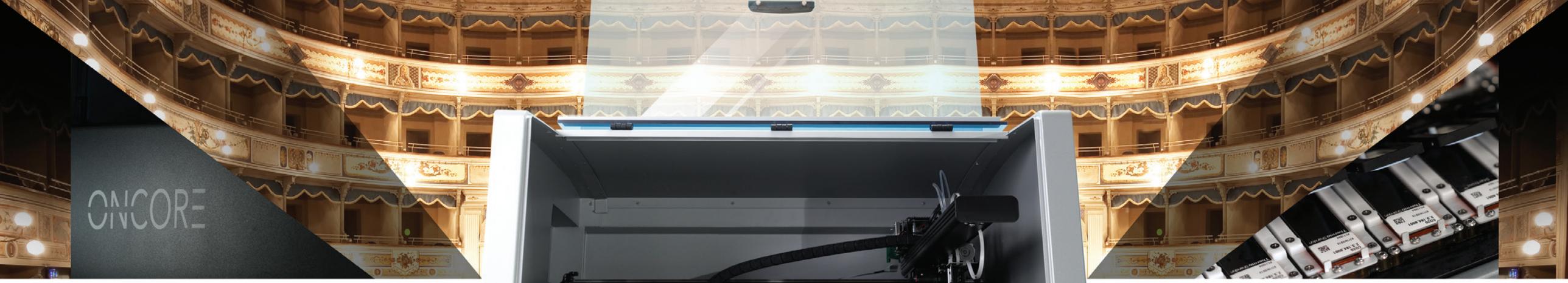

Full Automation

The ONCORE Automated Slide Staining System is a compact and convenient bench-top instrument that is capable of performing both 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, and antibody or probe detection for IHC, ISH, and Multiplex IHC applications.*

- Performs on-line protocol steps
- Baking to chromogen incubation for improved consistency
- Capable of processing IHC and ISH procedures
- Small footprint conserves bench space

Convenience & Ease-of-use

The ONCORE 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. The ONCORE also utilizes 2-D Matrix labels that can be printed for patient slides in order to eliminate patient identification errors. The independent slide positions allow for unique protocols to be performed on each slide during a run.

- Intuitive software for improved ease of use
- 2-D Matrix labels to virtually eliminate patient ID errors
- Waste separation reduces hazardous waste disposal costs

Innovative Technology

The ONCORE's unique reaction modules enclose 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. This minimizes user error through real-time tracking of reagent volumes and enables sharing of reagents among multiple instruments.

- Kinetic incubation of reagents to maximize staining intensity
- Unique RFID reagent tracking technology
- Self-contained reagent chambers minimize reagent use and evaporation

Reagent Menu

The ONCORE is accompanied by a suite of pre-optimized primary antibodies, IHC, and ISH reagents specifically designed for use on the instrument to produce exceptional staining quality. Use primary antibodies from alternate vendors using the 7 ml Improv™ vials. The ONCORE's Multiplex IHC capability and patent-pending Multiplex detection conserves patient tissue, reduces slide volume and can lower labor costs by 50%.

- Pre-optimized ONCORE IHC and ISH reagent line*
- User-fillable vials for third party primary antibodies
- Simultaneous Multiplex IHC*

*ISH and Multiplex IHC reagents and capabilities are for future release.

Specifications

Specifications	Description
Slide capacity	36 slides
Heating capacity	Room temperature to 103 ˚C
On-board reagent capacity	40 vials (7ml or 15ml)
Dispense volume	200 µl
Waste separation	Separated hazardous and non-hazardous
LIS connectivity	Compatible with XML and HL-7 messaging standards
Electrical requirements	110-240 V; 50/60 Hz; 875W
Benchtop dimensions (W x H x D) (Door Closed)	35” X 22” X 24” / 89 cm X 56 cm X 61 cm
Benchtop dimensions (W x H x D) (Door Open)	35” X 36” X 24” / 89 cm X 91 cm X 61 cm
Instrument weight	110 lbs / 50 kg

Instrument Ordering Information

Product Name	Cat. No.
ONCORE Automated Slide Staining System (110 V markets)	ONC0001-110V
ONCORE Automated Slide Staining System (220 V markets)	ONC0001-220V
ONCORE Improv Reagent Vials	ONC101 JJ, L
Chamber Cleaning Kit	ORI6031K C8
Tubing Cleaning Kit	ORI6036K C3

Reagent Ordering Information

Product Name	Cat. No.
Dewax Solution Kit	ORI6004K T70
Antigen Retrieval 1 (AR1), high pH	ORI6006 T70
Antigen Retrieval 2 (AR2), low pH	ORI6005 T70
Mouse HRP Detection	ORI6007 T70
DAB Chromogen Kit	ORI6011K T90, T180
Universal Negative Control Serum	ORI6013 T70
Wash Buffer	ORI6012 MM

For a complete list of primary antibodies, refer to the Biocare website.

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