

# Concorde

## Automated Slide Stainer & Coverslipper System



### DISTINCTIVE FEATURES OF THE CONCORDE

#### EASY TO USE

Easy to programming and change between programs. Protocols for up to 10 staining programs can be stored.

#### CONTINUOUS PROCESSING FROM STAINING TO COVERSLIPPING



automatic delivery of a carry vessel

Using an automated conveyor system to combine an autostainer with a coverslipper specimen preparation of can be done safely and efficiently; no manual change of baskets and xylene reservoirs are necessary.

#### PROCESSING MORE SLIDES WITH LESS MANUAL HANDLING

The stainer is equipped with automatic pick-up and release system for baskets, and automatic pick-up system for empty baskets. With these systems, baskets placed in the preparation reservoir are processed according to a select program in order. The coverslipper can perform to mount continuously maximum 80 slides (for 2 baskets) at once.



automatic pick-up of an empty basket

#### NEW FUNCTION FOR BETTER STAINING

The automatic agitation system makes it possible to agitate baskets in the reservoirs, which brings better, uniform, and consistent staining. The stainer is equipped with maximum of 28 reservoirs; accordingly, it is possible to use many kinds of solutions necessary for deparaffin, de-hydration, clearing, etc.



automatic agitation system

#### TITANIUM RESERVOIR & RESERVOIRS FOR RUNNING WATER



reservoir for running water

2 of the 28 reservoirs can be used for running water. The two running water reservoirs employ an over-flow system and have adjustable flow volume. In addition, 1 titanium reservoir, which is resistant to corrosive reagent solution like

the hydrochloric acid alcohol solution used in differentiation process in HE staining, is available as one of the standard accessories.

#### ALARM & SAFETY FUNCTIONS

Audible alarm and alarm messages in LCD panel indicate abnormalities, in case of trouble or mishandling. When a descending baskets happens to touch a reservoir or other baskets, the Descent Abnormality Safety system prevents slides from breaking.

## SPECIFICATIONS

<i>DIMENSIONS OF THE BODY:</i>	STAIN & COVERSLIPPER SYSTEM: 66.5" / 1690mm (W) x 29" / 730mm (D) x 22" / 560mm (H) SIZE OF AUTOSTAINER: 44.5" / 1130mm (W) x 25" / 640mm (D) x 19.5" / 490mm (H)
<i>STAINING PROCESS CAPACITY:</i>	160 SLIDES (CONTINUOUS RUN OF ONE CYCLE)
<i>ADJUSTABLE STAINING PROCESS TIME:</i>	1 SEC - 59min, 59sec. / RESERVOIR
<i>COVERSLIP PROCESS SPEED:</i>	240 SLIDES/HOUR, MAX. 80 SLIDES/RUN
<i>STAINLESS STEEL BASKET CAPACITY:</i>	UP TO 40 SLIDES
<i>RESERVOIR / VOLUME:</i>	550ml (STAINLESS STEEL)
<i>NUMBER OF RESERVOIRS:</i>	28 RESERVOIRS, INCLUDING TWO FOR RUNNING WATER
<i>RUNNING WATER RESERVOIR SYSTEM:</i>	OVER-FLOW SYSTEM WITH DRAINAGE (STAINLESS STEEL)
<i>NUMBER OF RUNNING WATER RESERVOIRS:</i>	MAXIMUM TWO RESERVOIRS
<i>PREPARATION VESSEL:</i>	2 UNITS (A & B RESERVOIRS) (STAINLESS STEEL)
<i>CARRY VESSEL:</i>	1 UNIT (STAINLESS STEEL)
<i>PROGRAM MEMORY:</i>	MAXIMUM 10 PROGRAMS
<i>OPERATION PANEL:</i>	INDICATION screen, SELECTION switch, POWER switch, EMERGENCY switch, MOUNTER ONLINE switch
<i>MESSAGES:</i>	REST PROCESS TME, RESERVOIR POSITION, WARNING message, ERROR message, BASKET CONTAINER LED indication
<i>ALARM:</i>	AUDIBLE ALARM IN WARNING AND ABNORMALITY
<i>CONSTANT VOLTAGE:</i>	100V +/- 10V, 50/60Hz
<i>CONSUMPTION POWER:</i>	LESS THAN 200VA
<i>GROSS BODY WEIGHT:</i>	309lb (140Kg)

**Standard Accessories (included):** (4) 40-slide stainless steel baskets; (26) stainless steel reservoirs; (1) Titanium reservoir; (2) stainless steel running water reservoirs; (2) preparation vessels (with lid); (1) carry vessel (with lid); (1) set of lids for reservoirs; (4) rack for slides (for Coverslipper); (1) basket vessel (for Coverslipper)

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1132 Kincaid Bridge Road • PO BOX 1176  
Winnsboro, SC 29180 • (803) 712-6100