ECLIPSE 5300

The Distek Eclipse 5300 Automated Dissolution Sampler offers rapid, accurate sampling using precision syringe pumps. The elimination of valves and rotary pumps along with the optimized sample pathway with a minimal 4.5 mL internal volume increases reliability while reducing common sources of sample carryover. Adding a lower-cost 'child' sampler is a cost-effective way to sample from two baths. Each of the baths may run the same method or two different independent ones. The integrated optional filter changer enables the use of most common 25 mm syringe filters instead of requiring custom filter plates and also additional bench space.

- **RAPID / ACCURATE SAMPLING**
  Precision syringe pumps and reduced sample pathway allows for rapid time point high precision collection. Unique fluid handling closely mimics manual sampling.
- **NO VALVES OR ROTARY PUMPS**
  The elimination of valves and rotary pumps along with the optimized sample pathway with a minimal internal volume of 4.5 mL increases reliability while eliminating and reducing common sources of sample carryover.
- **COST-EFFECTIVE DUAL BATH SOLUTION**
  Adding a lower-cost 'child' sampler is a cost-effective way to sample from two baths. The dual bath configuration allows two different and independent dissolution methods to be run at any time.
- **MEDIA RECYCLING AND REPLACEMENT**
  Media Recycling and Replacement offer the advantage of returning unused media and replacing the collected sample volume for ease of dissolution calculations.
- **COLOR TOUCH SCREEN DISPLAY**
  The icon driven user interface lowers overall cost by reducing training time and user errors while maximizing productivity and command of the autosampler.
- **FILTER CHANGER**
  The optional, integrated filter changer uses readily available 25 mm syringe filters without the need for custom filter plates or additional bench space.

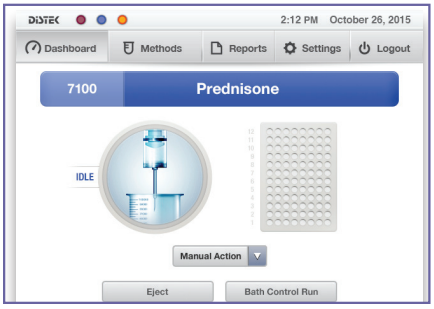
DISTEK
CREATING A STIR
distekinc.com

ECLIPSE 5300

SPECIFICATIONS

Tube Capacity	15 mL Glass Test Tubes
Vial Capacity	2 mL
Max. Number of Sample Sets	96 Samples (8 x 12) 16 x 100 mm Test Tubes
Max. Time Points	12
Internal Method Storage	100
User Management	Manage up to 50 Users with Multiple Access Levels (Manager, Advanced and User)
Audit Trail	Track and Report Changes to Methods
Sample Volume	0.5 to 15 mL
Flow-Rate Range	8 to 50 mL / min.
Total Sample Path (Internal Volume)	4.5 mL
Volumetric Precision	± 0.15 mL
Tubing Type	Teflon (1/16" ID x 1/8" OD)
Display	5.7" Color Touch Screen
Interface Ports	(2) USB (One Front), Ethernet, (3) RS-232
Dimensions	16.25" (w) x 22.5" (h) x 23.25" (d) / (41 cm x 57 cm x 59 cm)
Weight	68 lbs. / (31 kg)
Electrical Power	100-120 VAC 50/60 Hz 2A or 200-240 VAC 50/60 Hz 1A (Operating Voltage Pre-Set at Factory)
Dissolution Instrument Control	Distek Model 2500, Model 2500 RTD, Model 2500 Select & symphony 7100

Eclipse 5300 with Filter Changer



Single Bath Dashboard Screen

Dual Bath Parent / Child Configuration

DISTEK
CREATING A STIR

888.2.DISTEK
distekinc.com • info@distekinc.com
121 North Center Drive • North Brunswick, NJ 08902