

# ECLIPSE 5300

The Distek Eclipse 5300 Automated Dissolution Sampler provides fast and accurate sampling via precision syringe pumps. By removing valves and rotary pumps and optimizing the sample pathway with a minimal 4.5 mL internal volume, reliability is enhanced and sample carryover is minimized. For economical sampling from two dissolution baths, a more affordable 'child' sampler can be added, allowing both baths to run identical or separate methods. Additionally, the optional integrated filter changer replaces tedious manual filtering, and saves space compared to standalone automated filtering units.

- **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.

- **INTEGRATED FILTER CHANGER**

The optional integrated filter changer uses Distek certified syringe filters with matching membrane, pore size, and 25 mm design as your lab's current filters, not custom filter plates.

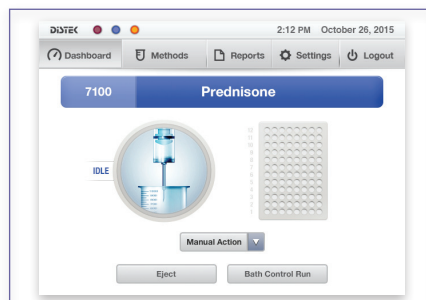


## SPECIFICATIONS

<b>Tube Capacity</b>	15 mL Glass Test Tubes
<b>Vial Capacity</b>	2 mL
<b>Max. Number of Sample Sets</b>	192 Samples (8 x 12) 16 x 100 mm Test Tubes per Rack times 2 Racks*
<b>Max. Time Points</b>	24*
<b>Internal Method Storage</b>	100
<b>User Management</b>	Manage up to 50 Users with Multiple Access Levels (Manager, Advanced and User)
<b>Audit Trail</b>	Track and Report Changes to Methods
<b>Sample Volume</b>	0.5 to 15 mL
<b>Flow-Rate Range</b>	8 to 50 mL / min.
<b>Total Sample Path (Internal Volume)</b>	4.5 mL
<b>Volumetric Precision</b>	± 0.15 mL
<b>Tubing Type</b>	Teflon (1/16" ID x 1/8" OD)
<b>Display</b>	5.7" Color Touch Screen
<b>Interface Ports</b>	(2) USB (One Front), Ethernet, (3) RS-232
<b>Dimensions</b>	Standard: 16.25" (w) x 22.5" (h) x 23.50" (d) / (41 cm x 57 cm x 60 cm) w/Filter Changer: 22.5" (w) x 26.5" (h) x 23.50" (d) / (57 cm x 67 cm x 60 cm)
<b>Weight</b>	Standard: 68 lbs. / (31 kg) w/Filter Changer: 78.5 lbs. / (36.6 kg)
<b>Electrical Power</b>	100-120 VAC 50/60 Hz 2A or 200-240 VAC 50/60 Hz 1A (Operating Voltage Pre-Set at Factory)
<b>Dissolution Instrument Control</b>	Distek Model 2500 / 2500 RTD / 2500 Select, Evolution 6100 / 6300 & symphony 7100
*More than 12 time points requires a rack change.	



Eclipse 5300 without Filter Changer



Single Bath Dashboard Screen



Dual Bath Parent / Child Configuration

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