

# 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.



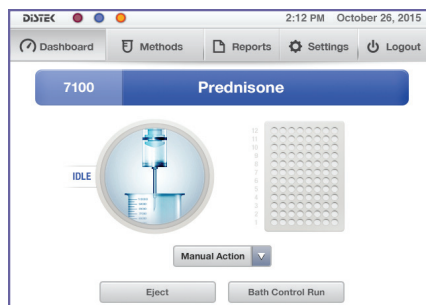
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## SPECIFICATIONS

|  |   |
|--|---|
| <b>Tube Capacity</b>                       | 15 mL Glass Test Tubes  |
| <b>Vial Capacity</b>                       | 2 mL  |
| <b>Max. Number of Sample Sets</b>          | 96 Samples (8 x 12) 16 x 100 mm Test Tubes  |
| <b>Max. Time Points</b>                    | 12  |
| <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)<br>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)<br>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   |



Eclipse 5300 without Filter Changer



Single Bath Dashboard Screen



Dual Bath Parent / Child Configuration

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