

MODEL 2500

Offering maximum flexibility and configurability, the Distek Model 2500 Dissolution System succeeds four generations of the user-friendly 2100 series. A brilliant touch screen and unparalleled command of the instrument with electronic manual, serial numbers, electronic qualification labels, and extensive reporting and method storage capabilities make this a robust and reliable system.

- **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 dissolution test.

- **QUICK CHANGE PADDLES AND BASKETS**

Interchangeable stirring elements coupled with the automatic height adjustment provide a fast transition between Apparatus 1 and 2 without having to remove the shaft.

- **AUTOMATIC HEIGHT ADJUSTMENT**

Setting the height is done through a one-time adjustment and utilization of the interchangeable paddles and baskets

- **SELF-PRIMING THERMOCIRCULATOR**

The self-priming design and microprocessor control allow for improved temperature uniformity and heating time while the low profile design allows the circulator to be stowed behind the bath, requiring no additional linear bench space.

- **VOLUME FLEXIBILITY**

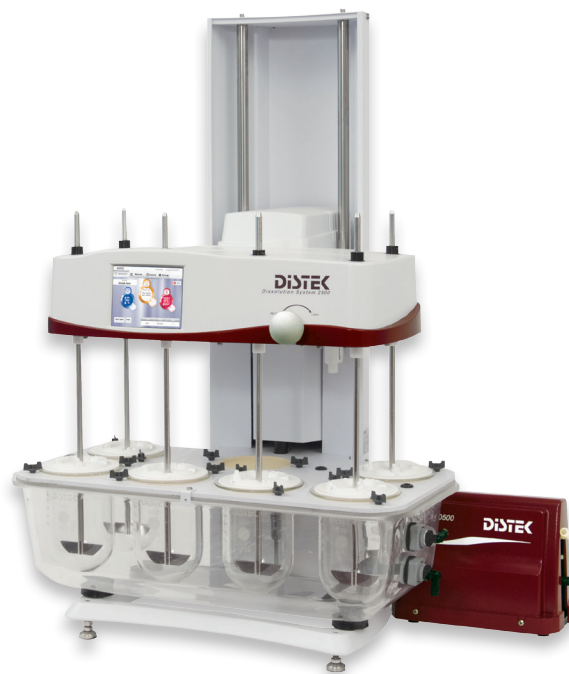
Accommodates up to 8 vessels ranging in size from 100 mL to 4L, allowing the user to run a diverse range of tests.

- **WAKE UP AND SLEEP MODE**

Programmable wake up and sleep modes allow the user to schedule thermocirculator start up and shutdown times to save time and conserve energy.

- **ELECTRONIC QUALIFICATION GUIDANCE**

Electronic qualification alerts eliminate oversights and ensures maximum uptime and instrument availability.



SPECIFICATIONS

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|-----------------------------------|---|
| Dissolution Vessels | Six Vessels Standard (7 or 8 Optional) |
| Volume | 500 - 1000 mL Standard (100 - 4000 mL Optional) |
| Water Bath | One Piece Molded Acrylic |
| RPM Control Range | 25 - 300 RPM, Digitally Controlled, Closed Loop |
| RPM Resolution | 0.1 RPM |
| RPM Accuracy | ±1 RPM up to 100 RPM and ±1% >100 RPM |
| Motor | High Torque, Permanent Magnet |
| Vessel Temperature Control | Ambient to 65°C, TCS-0500 Thermocirculator |
| Temperature Resolution | 0.1°C |
| Temperature Accuracy | ±0.25°C |
| Shaft Wobble | Less than 0.010" / 0.254 mm (Total Indicator Runout) |
| Display | 5.7" Color Touch Screen |
| Program Modes | <ul style="list-style-type: none"> • Manual (Individual Vessel Control) • Automatic (Up to 100 Pre-Programmed Methods) • Distek EVO 4300, Opt-Diss 405™, Agilent 8453 UV/Vis or Waters® Alliance® 2695D HPLC |
| Interface Ports | USB, Ethernet, RS-232, RS-485 |
| Construction Materials | Cast Aluminum, Stainless Steel, Engineered Plastic |
| Dimensions | 27.5" (w) x 38.5" (h) x 19.5" (d) / (70 cm x 98 cm x 50 cm) TCS: 11.5" (w) x 8.5" (h) x 7" (d) / (29 cm x 22 cm x 18 cm) |
| Weight | 80 lbs. / (36 kg) TCS: 7 lbs. / (3 kg) |
| Electrical Power | 115V ± 15V 50/60 Hz 10A or 230V ± 15V 50/60 Hz 6A (Operating Voltage Pre-Set at Factory) TCS: 115V ± 15V 50/60 Hz 10A or 230V ± 15V 50/60 Hz 7A |

