

- **Intuitive Touch Screen Color Display**

The icon driven touch screen user interface maximizes the dissolution user's productivity and command of the dissolution test with a vast array of features and functionality.

- **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.

- **Interchangeable Paddles & Baskets**

Compliant interchangeable stirring devices are coupled with the automatic height adjustment to provide a fast transition between Apparatus 1 and 2 without having to remove the shaft.

- **Automatic Height Adjustment**

A one-time height adjustment allows for the automatic setting of height when utilizing interchangeable paddles and baskets.

- **Hideaway Self-Priming Thermocirculator**

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

- **Dosage Delivery System**

The optional DDS (Dosage Delivery System) increases efficiency and maximizes the dissolution chemist's time by simplifying dosage introduction.

- **Electronic Qualification Guidance**

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

- **Volume Flexibility**

The Model 2500 accommodates up to 8 vessels ranging in size from 100mL to 4L, allowing the user to run a diverse range of tests.

Dissolution Test System



Engineered Reliability and Performance

The DiSTEK Model 2500 Dissolution Test System offers unmatched flexibility and configurability while maintaining the user-friendliness that laboratories around the world have come to expect from the preceding four generations of the 2100 series.

The robust collection of system upgrades is punctuated by the brilliant color touch-screen user interface that provides unparalleled command of the instrument along with electronic manuals, serial numbers, qualification labels, user information, reporting, and method storage.

The Model 2500 employs a self-priming thermocirculator to alleviate the challenges often experienced with manual priming. From manual testing to the most advanced in-situ UV testing using the dosage delivery system (DDS) and Opt Diss Fiber Optic UV, the Model 2500 is certain to satisfy and surpass user requirements.

Other key features include: continuous RPM and bath temperature monitoring, networking, USB printing, the ability to run manual or automated methods, single piece seamless water bath, and smooth non-motorized drive head lift.

Model 2500 Specifications

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
Resolution	1 RPM
Accuracy	±0.2 RPM
Display	5.7" Color Touch Screen
Motor	High torque, permanent magnet
Vessel Temperature Control	TCS-0500 Thermocirculator
Range	Ambient to 65°C
Resolution	0.1°C
Accuracy	±0.2°C at 37°C
Shaft Wobble	Less than 0.010" (Total Indicator Runout)
Program Modes	Manual or Automatic
Interface Ports	USB Ethernet, RS-232, RS-485
Dimensions	Model 2500: 27.5"(W) x 38.5"(H) x 19.5"(D) (70 cm x 98 cm x 50 cm) TCS-0500: 11.5"(W) x 8.5"(H) x 7"(D) (29 cm x 22 cm x 18 cm)
Weight	Model 2500: 80 lbs. (36 kg) and TCS-0500: 7 lbs. (3 kg)

