

# MODEL 2500 SERIES



SPECIFICATION	DISTEK MODEL 2500	DISTEK MODEL 2500 RTD	DISTEK MODEL 2500 SELECT
TEMPERATURE MONITORING	In Bath Temperature Probe	Wireless In-Shaft Temperature Sensor	Wireless In-Shaft Temperature Sensor
BATH HEATING TIME	<30 Minutes	<30 Minutes	None
VESSEL MEDIA HEATING TIME (23°C to 37°C)	<30 Minutes	<30 Minutes	<15 Minutes
MEDIA TEMPERATURE RANGE	Ambient to 55°C	Ambient to 55°C	Ambient to 99°C
TEMPERATURE ACCURACY	±0.25°C	±0.25°C	±0.25°C up to 45°C ±0.50°C from 46°C to 99°C
TEMPERATURE CONTROL	TCS-0500 Thermocirculator	TCS-0500 Thermocirculator	Independently Controlled High Watt Heater Jackets
DISSOLUTION VESSELS	Six Vessels Standard (7 or 8 Optional)		
MEDIA VOLUME	25 - 4000 mL (Volumes below 300 mL Require Low Volume Kit)	25 - 1000 mL (Volumes below 500 mL Require Low Volume Kit)	500 - 1000 mL
DISPLAY	5.7" Color Touch Screen		
USER MANAGEMENT	Manage up to 50 Users with Multiple Access Levels		
REPORT MANAGEMENT	Store up to 100 Reports. Preview on Display, Print or Store Remotely		
REMOTE INSTRUMENT CONTROL	Control from Cipher Software, Evolution 4300, Eclipse 5300, Opt-Diss 405, Opt-Diss 410		
INTERFACE PORTS	USB, Ethernet, RS-232, RS-485		
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)	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)	27.5" (w) x 38.5" (h) x 19.5" (d) / (70 cm x 98 cm x 50 cm)
WEIGHT	80 lbs. / (36 kg) TCS: 7 lbs. / (3 kg)	80 lbs. / (36 kg) TCS: 7 lbs. / (3 kg)	75 lbs. / (36 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	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	115V ± 15V 50/60 Hz 15A or 230V ± 15V 50/60 Hz 8A (Operating Voltage Pre-Set at Factory)

## ADDITIONAL COMMON FEATURES

**ELECTRONIC QUALIFICATION GUIDANCE:** Settable automatic electronic instrument requalification reminders eliminate missed validation dates and ensures continuous instrument uptime.

**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.

**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.

**SERIALIZED COMPONENT TRACKING:** Enter and track all serialized components including; paddles, baskets, basket adapters, shafts and vessels. RTD and Select models auto-report shaft serial numbers.



**Model 2500 RTD Connected to the Eclipse 5300  
Automated Dissolution Sampler**



**Model 2500 Select Connected to the Opt-Diss 410  
In-Situ UV Fiber Optic System**

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