



# Hanson SR8-Plus™ Dissolution Test Station

**& MEDIA-MATE PLUS™ MEDIA PREP SYSTEM**



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With over 1,000 systems installed worldwide, the Hanson SR8-Plus™ is an industry-proven workhorse in the dissolution lab. The SR8-Plus represents over thirty years of engineering expertise, beginning with founder Bill Hanson's pioneering work in the 1960s. Fully compliant with USP/FDA and other international regulatory requirements, the SR8-Plus handles everything from simple protocols to extensive methods. Power-packed features include:

- SR "sustained release" precision drive system
- Rugged Easi-Lift™ assembly and baseplate
- PETG molded waterbath
- Choice of USP baskets, paddles or both
- Choice of 6 or 8-flask systems

- Self-centering USP flasks with covers
- Soft-Flo™ with new rugged air pump
- CPU with advanced microprocessor
- RS232 computer communications
- New 21CFR11 compliant firmware
- "Virtual instrument" user interface
- Easy-Icon™ program controls
- Large graphical system display
- Save up to 25 methods & protocols
- Pop-up menus and help screens
- Programmable morning "wakeup"
- Built-in calibration & validation routines
- Programs to handle problem protocols
- Plus a wide range of test accessories



# Dissolution Test Accessories



Hanson Research carries a complete selection of accessories for dissolution testing, including USP flasks, baskets and paddles, small and large-volume test systems, paddle-over-disk methods, and more.

The SR8-Plus comes factory-equipped for ready interface with a wide selection of automated dissolution systems to increase your productivity, including on-line HPLC, on-line UV/VIS and fiber optics.

## **SR8-Plus High Stand Systems**

*The SR8-Plus is designed for maximum flexibility in the dissolution lab. Our convenient "high stand" retrofit kit provides for large volume 2L dissolution protocols. System options include a piggyback stand for the Easi-Lift, large waterbath, USP 2L flasks and extra-long baskets or paddles. Small volume "mini-paddle" systems are also available. Order direct from the factory, or retrofit your current SR8-Plus in the field.*



## **Q-Pak™ Validation Guidelines**

*Hanson Q-Paks provide functional validation guides to ensure USP/FDA compliance and system IQ/OQ/PQ. These unique guidelines direct the user through instrument qualification with a comprehensive logbook documenting all key elements of functional validation. Combined with our 21CFR11 firmware, SOPs and easy-to-use calibration tools, the Q-Pak is an ideal means to satisfy full regulatory compliance.*

# Ordering Information

The Hanson SR8-Plus™ is the core of a fully equipped dissolution test system, fulfilling everything required for QC/QA, formulations and R&D programs.

- SR8-Plus™ dissolution test station
  - ✓ Choice of 6 or 8 operational spindles
  - ✓ Choice of USP baskets, paddles or both
- Hanson Q-Pak™ (IQ/OQ/PQ)
- Validation printer
- Easi-Probe™ (manual) or E-Probe™ (automatic)
- High-stand retrofit kit for 2L methods
- Accessories for small volume & paddle-over-disk
- Media-Mate Plus™ dissolution media-prep system

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**SALES & SERVICE WORLDWIDE**

# Hanson Media-Mate Plus™ Dissolution Media Prep System

*Includes USP/FDA  
recommended media  
deaeration!*

*Easy adjustments  
for precise volumetric  
dispensing*

*Ergonomic cart  
for easy use  
around the lab*

*Moveable dispense  
bar to fill flasks  
(shown in rest position)*

*Interchangeable  
pre-heat tanks for  
media and buffers*

*Convenient retractable  
power cord*

If you work in a busy dissolution lab that demands both speed and accuracy, we've got the perfect media-prep system for you. The Hanson Media-Mate Plus™ delivers pre-heated, filtered, deaerated, volumetrically dispensed media to six or seven dissolution flasks in less than five minutes. Built on a unique ergonomic cart, the Media-Mate Plus offers maximum portability for easy servicing of many dissolution test stations.

Interchangeable pre-heat tanks accommodate 10-40 L media and buffers with precision temperature control. Delivery volume is adjustable 250 to 1,000 mL in 50 mL increments (+/- 1% accuracy). Media deaeration is below 95% saturation when delivered to dissolution flasks (deaeration is achieved using thin film treatment in a vacuum). The convenient dispense bar fills 3+3, 4+2 or 4+3 flask layouts.



New operational panel provides easy-to-use controls. One simple button initiates complete media measurement/deaeration/dispense cycle. Fills the dissolution bath in less than 5 minutes.



New volume change adjustments provide quick and easy volume settings from 250 mL to 1,000 mL in 50 mL increments. Fill 6 or 7 flasks in Hanson, VanKel, Distek, Erweka or other baths.