

**Bringing Solubility and Dissolution Data to Light**

**$\mu$ DISS Profiler: An *in situ* Fiber Optic UV Monitoring System with Real Time Data Display**

**Dip Style Probes:**  
Rugged and Robust  
Stainless Steel  
Construction

**Interchangeable  
Pathlength Tips:**  
Flexible, Versatile  
and Affordable

**Small Volume Vessels:**  
Cost Sparing API Require-  
ment and Media Usage  
Down to 1 mL

**Software Controlled Mini-Bath:**  
Run Multiple Experimental  
Conditions on One Platform

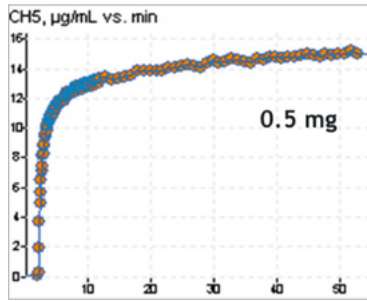
**Individual Diode Array Spectrophotometers:**  
Programmable Data Collection of the Entire  
UV Spectra (200-720 nm) As Fast As  
Every Two Seconds

**$\mu$ DISS Profiler Software:**  
Simultaneous Real Time Data  
Collection and Analysis in a User  
Friendly Graphical Interface

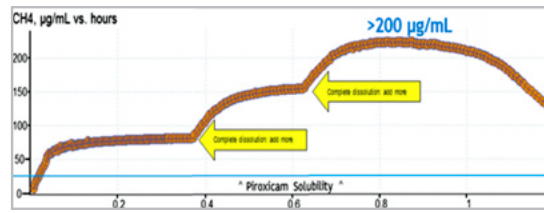
- Increase productivity with faster decision making ability
- Save time and money versus traditional methodology
- Maximize and customize your research creativity

*Pump the light, not the liquid*

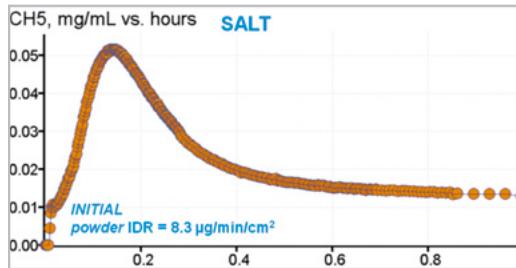
## Microsuspension



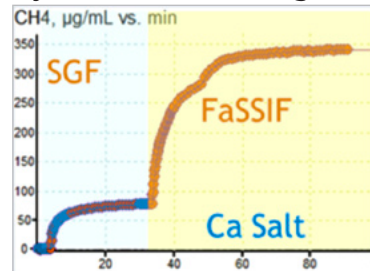
## Supersaturation



## Salt Studies



## Dynamic Media Change



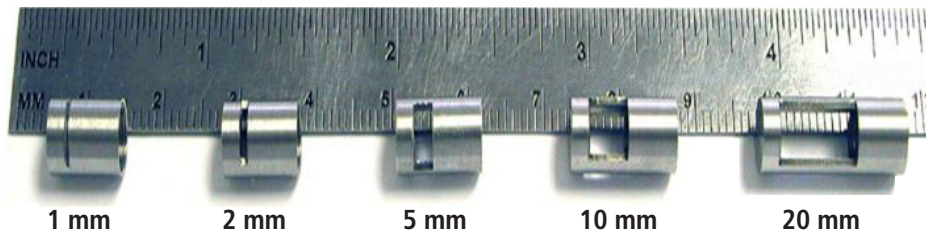
## Mini-Bath

- Software controlled
- Independent stirring for each position
- Heater circulator controlled water bath
- 5 mL and 25 mL vessel capable



## Probe Tips

- Interchangeable
- Various Path Lengths



## APPLICATIONS

- Small volume dissolution – Tablets and powder
- Excipient screening
- Nanoparticle dissolution
- Salt screening
- Intrinsic dissolution
- Media pH change
- Stability monitoring
- Supersaturation studies
- Solubility – Aqueous and Non-Aqueous
- Biorelevant dissolution media

*Pion stands behind the science. Let us prove it to you. Contact us today.*

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