

OPT-DISS₄₁₀

No more sampling! The Distek Opt-Diss 410 UV fiber optic system for dissolution testing measures directly in the vessel, eliminating problematic filters, tubing and pumps used in conventional sampling. Patented ARCH probes designed specifically for dissolution eliminate bubbles and trapped particles that plague other fiber systems. New multicomponent analysis allows quantifying two components at once, without the need for separation.

- **SIMPLE & EFFICIENT DISSOLUTION TESTING**

Ease of system setup and the near real-time dissolution data acquisition means the complete dissolution report only takes as long as the actual dissolution run.

- **MULTICOMPONENT ANALYSIS**

Measure up to 2 components in a single UV analysis without the need for separation.

- **IN-SITU UV MEASUREMENTS**

The Opt-Diss 410 measures directly in the vessel, eliminating tubing, filtering and other issues associated with conventional sampling.

- **INDUSTRY APPROVED**

Top pharmaceutical companies as well as the FDA and USP have adopted the Opt-Diss by Distek.

- **PATENTED STATIONARY ARCH PROBES**

Designed specifically for dissolution testing, the patented probes virtually eliminate the entrapment of bubbles and particles that plague other fiber systems.

- **RAPID AND ROUTINE DATA COLLECTION**

With acquisition speeds as fast as 5 seconds for all vessels, collecting near real-time dissolution profiles is ideal for formulators to understand complicated release dynamics as it occurs.

- **SINGLE SOFTWARE PACKAGE**

21 CFR Part 11 compliant, the Opt-Diss 410 is the only fully integrated UV fiber optic dissolution solution with a single software package controlling the entire system.

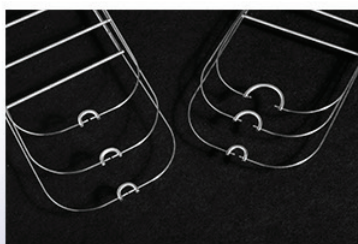
Opt-Diss 410

DiSTeK
CREATING A STIR
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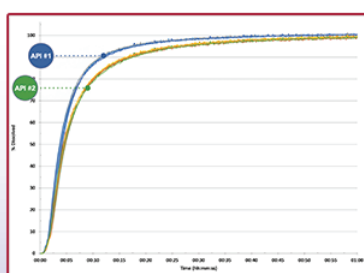
SPECIFICATIONS

Light Source	Deuterium Lamp
Detector	Scientific Grade CCD Detector Optimized for UV
UV Range	200 - 405nm \pm 5nm
Wavelength Accuracy	\pm 2nm or Better
Channel Capacity	Up to 12 Channels
Probes	ARCH Probes & Dip Probes
ARCH Probe Pathlength	.25, .5, 1., 2, 5, and 10mm (Mini ARCH Probes Available for Small Volume Applications)
Dip Probe Pathlength	1, 2, 5, 10, and 20mm
Spectra Collection	As Fast as Every 5 Seconds
Absorbance Range	0 - 2.0 AU
Stray Light	<0.5%
Short-Term Noise	\pm 0.002 AU, 100 Seconds at 250nm
Long-Term Noise	\pm 0.005 AU, 1 Hour at 250nm
21 CFR Part 11 Compliance	Yes
Dissolution Instrument Control	Distek Model 2500, EVO 6100, EVO 6300 & symphony 7100 (With Software Rev 2.00 or Greater)
Compatible with Most All Dissolution Instruments	Yes



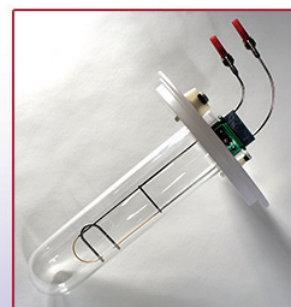
Patented ARCH Probes Designed for Dissolution Testing

Eliminate bubble formation and particulate entrapment that plague other fiber systems



Multicomponent Analysis Measure up to 2 Components

New multicomponent analysis allows quantifying two components at once without separation



Mini ARCH Probes Small Volume Dissolution Testing

Mini ARCH probes work with 100 mL and 200 mL volumes