

# Varian VK 7010 Dissolution Apparatus



*The Varian VK 7010 is one of the most sophisticated, yet flexible, automated dissolution apparatus available. The modular design allows easy manual sampling or simple integration into an automated system. Greater accuracy and less time spent verifying temperatures, dropping tablets, or pulling samples means improved productivity for your lab.*



AutoTemp and Automatic Dosage Delivery Module

## Key Benefits

- ▶ **Easy to use.** Start programmed methods with a push of a button.
- ▶ **Broad compatibility.** Integrates with commonly used instruments and software.
- ▶ **Precise and automatic dosage delivery with DDM.** Dosage Delivery Module saves time and increases accuracy.
- ▶ **Reduced monitoring requirements.** Temperatures, as well as operating parameters, are monitored and recorded continuously. Each VK 7010 includes a built-in dot matrix printer.
- ▶ **Fully compliant.** Meets current USP, EP, JP, and FIP guidelines.
- ▶ **Three configurations to choose from.** Pick the one that works best for you: 3+3 (two rows of three vessels), 4+2, or 4+4.

NOTICE: Varian, Inc. was acquired by Agilent Technologies in May 2010. This document is provided as a courtesy but is no longer kept current and thus will contain historical references to Varian. For more information, go to [www.agilent.com/chem](http://www.agilent.com/chem).

# Varian VK 7010 Dissolution Apparatus

Varian designed the VK 7010 Dissolution Apparatus to make your life easier. Many features only offered as options, or unavailable, on other models are standard on the VK 7010. From automatic dosage delivery to test initiation and data recording, key functions can be programmed into the VK 7010. These automation and programming features eliminate variations due to improper sample introduction, timing inconsistencies, and resident dwelling probes.

## Simple Setup and Easy Programming

This apparatus simplifies the setup, making it easier than ever to start your dissolution tests. Pre-program the VK 7010 via touchpad-entry for all system parameters. Operating parameters are easily observed on the LCD monitor. Start the test with a simple push of a button. During the test you can check RPM, water bath temperature, and elapsed time from across the room on the LED displays. It's that easy!

## Broad Compatibility

The VK 7010 easily integrates with Varian AutoSamplers, on-line HPLC or UV systems. Integrated systems allow automated test initiation via software, saving time and increasing productivity. It can also be integrated with Varian WinUV Dissolution Software, Agilent ChemStation™ and Waters Empower™ software.

## Precise and On-Time Dosage Delivery With DDM

Once your apparatus is set up, the VK 7010 proceeds automatically through every stage of the run. The DDM delivers your dosage forms precisely and on time — either simultaneously or sequentially. When utilizing the simultaneous drop option, dosages are dropped into non-stirred media as per USP recommendations. The paddles begin rotating automatically only after the dosage forms settle to the bottom of the vessels.

## Ordering Information and Specifications

Product Description	Part No.	Voltage	Configuration		Dimensions (w) x (h) x (d)
			Spindle	Vessel	
VK 7010 Benchsaver® Dissolution Apparatus	10-0100	115V, 60 Hz	6 (3+3)	6	48.26 cm x 91.44 cm x 53.34 cm
VK 7010 Benchsaver® Dissolution Apparatus	10-0200	230V, 50 Hz			19 in. x 36 in. x 21 in.
VK 7010 Easy Access Dissolution Apparatus	10-0300	115V, 60 Hz	6 (4+2)	8	62.23 cm x 91.44 cm x 53.34 cm
VK 7010 Easy Access Dissolution Apparatus	10-0400	230V, 50 Hz			24.5 in. x 36 in. x 21 in.
VK 7010 Easy Access Dissolution Apparatus	10-0700	115V, 60 Hz	8 (4+4)	8	62.23 cm x 91.44 cm x 53.34 cm
VK 7010 Easy Access Dissolution Apparatus	10-0800	230V, 50 Hz			24.5 in. x 36 in. x 21 in.

## Automatic Temperature Measurement, Recording, and Printing

No need to check temperatures periodically — AutoTemp does it for you. Individual vessel temperatures are measured, recorded and sent directly to the built-in Report Center II printer for documentation.

## Motorized Manifold Inserts and Removes Sampling Cannula

The automated sampling probes lower at programmed times and are removed after each sample is taken to avoid hydrodynamic disturbances from resident dwelling probes. The unique manifold design allows the unit to be configured for a variety of vessels and still allow the cannulas to be in the correct sampling location.

## Compact and Convenient

Every VK 7010 Dissolution Apparatus comes complete with glassware and your choice of paddles or basket shaft with 40-mesh basket assemblies. No other apparatus provides you with so many standard features in such an economical package:

- External heater/circulator controlled via the apparatus keypad and fits behind the unit under the base plate — saving valuable bench space.
- Height gauges included for easy depth adjustment.
- Patented EaseAlign centering rings lock your vessels in the correct position every time.
- Motorized drive unit electronically raises and lowers the head.
- Molded water bath makes cleaning easy.
- Spindle hours recorded for scheduled maintenance — ensures your VK 7010's peak performance.

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