

Biotage Evaporation System Selection Guide

	Sample Capacity	Sample Volume	Key Applications	Typical Solvents	Heating	Technology
TurboVap® II 	6	50 mL or 200 mL	Food, water, soil and environmental solvent extraction.	<ul style="list-style-type: none"> Acetone Acetonitrile Methanol Dichloromethane Toluene 	Water bath (RT to 90 °C)	Gas vortex shearing technology sensor endpoint detection with either 0.5 mL or 1.0 mL endpoint stems.
TurboVap® II ASE version 	6	40 mL	Food, water, soil and environmental solvent extraction.	<ul style="list-style-type: none"> Acetone Acetonitrile Methanol Dichloromethane Toluene 	Water bath (RT to 90 °C)	Gas vortex shearing technology sensor endpoint detection with either 0.5 mL or 1.0 mL endpoint stems.
TurboVap® LV 	50	From 1.5 mL to 30 mL	Forensic, clinical chemistry, food, and pharmaceutical laboratories for concentration of solvents following SPE cleanup of drug samples or pesticide extracts.	<ul style="list-style-type: none"> Acetonitrile Ethylacetate Hexane Methanol Dichloromethane 	Water bath (RT to 90 °C)	Gas vortex shearing technology.
TurboVap® LV ASE version 	24	40 mL or 60 mL ASE tubes	Food, water, soil and environmental solvent extraction.	<ul style="list-style-type: none"> Acetonitrile Ethylacetate Hexane Methanol Dichloromethane 	Water bath (RT to 90 °C)	Gas vortex shearing technology.
TurboVap® 500 	2	500 mL	Larger samples, water testing in remote locations with simple lab equipment. Comes with solvent recovery functionality as default.	<ul style="list-style-type: none"> Acetone Hexane Methanol Dichloromethane 	Water bath (RT to 95 °C)	Gas vortex shearing technology sensor endpoint detection with either 0.5 mL or 1.0 mL endpoint stems.
TurboVap® 96 	96 x 2	Up to 2 mL	Genomic and proteomic applications that require concentration of purified extracts. Widely used for drugs of abuse and other pharmaceutical SPE methods.	<ul style="list-style-type: none"> Acetonitrile DMSO (Dimethyl sulfoxide) Ethanol DMF (Dimethyl formamide) THF (Tetrahydrofuran) 	Heat block	Gas vortex shearing technology.
Biotage® SPE Dry 	24, 48, 96, and 384 well microplates	Up to 10 mL (depending on format)	Forensic, clinical chemistry, food, and pharmaceutical laboratories for concentration of solvents following SPE cleanup of drug samples or pesticide extracts.	<ul style="list-style-type: none"> Acetonitrile DMF Methanol Propan-2-ol DMSO 	Gas (RT to 80 °C)	Heated gas delivery above and below wells speeds evaporation.
Biotage® V-10 	1	Up to 12 mL (depending on vial)	High BP solvents, reversed phase HPLC fractions.	Almost all solvents, especially good for: <ul style="list-style-type: none"> DMF DMSO MeCN + water MeOH + water NMP 	Heated air	Patented 3-way evaporation including simultaneous heat, vacuum, and high speed vial rotation.