

# Accessories

## Vial Adapters for Biotage® V-10

Several vial adapters are available for 4 mL, 8 mL, and other vial types including 4 mL straight side vials.



## Vial Carousels for Biotage® V-10

For automated drying of several solutions, vial carousels are available for 4 mL vials and 20 mL scintillation vials.



## Gilson® Liquid Handler for Biotage® V-10

The Gilson GX-271 liquid handler enables fully automated evaporation together with V-10. Evaporate chromatography fractions directly from the chromatography system rack without manual intervention.



## High-vacuum Pumps for Biotage® V-10

For the enhanced evaporation of high boiling solvents (DMSO, NMP), an external high-vacuum pump is necessary. Biotage offers two models, the oil-based Vacuubrand RZ 2.5 and the oil-free Edwards XDS5.



## TurboVap® II ASE Conversion Kit

With the Dionex ASE and the ASE Compatible TurboVap II, a six position rack will accommodate the use of 40 mL stemmed tube with 1 mL endpoint. This tube is available through Dionex Corporation. For further information please contact Dionex at 1-800-523-4571.



## TurboVap® LV ASE Conversion Kit

Convert TurboVap LV to 24 sample positions suitable for ASE I-Chem vials. The kit comes with a rack with a removable shelf that allows the user to convert the rack from 40 mL to 60 mL vials and vice versa. This rack can also be used for the graduated, stemmed 40 mL Dionex vials.



## Related Products

### RapidTrace®+

RapidTrace®+ is a robust automated platform for sample preparation designated for solid phase extraction, SPE. It is used in pharmaceutical, clinical and forensic laboratories to develop and process rugged and reliable methods. RapidTrace+ eliminates SPE bottlenecks so you can realize the full benefits of today's powerful analytical instruments.



### Biotage® PRESSURE+ 48 & 96

PRESSURE+ manifolds deliver parallel positive pressure processing for 96 well plates in 1 mL 3 mL and 6 mL column formats. The systems utilize a consistent, uniform flow of positive pressure to move both low and high viscosity liquids through SPE plates and columns. Each port of the PRESSURE+ manifold independently maintains constant pressure, increasing the overall reproducibility of analyte recoveries. This unique design allows for partially populated racks to be used without sacrificing extraction efficiency.



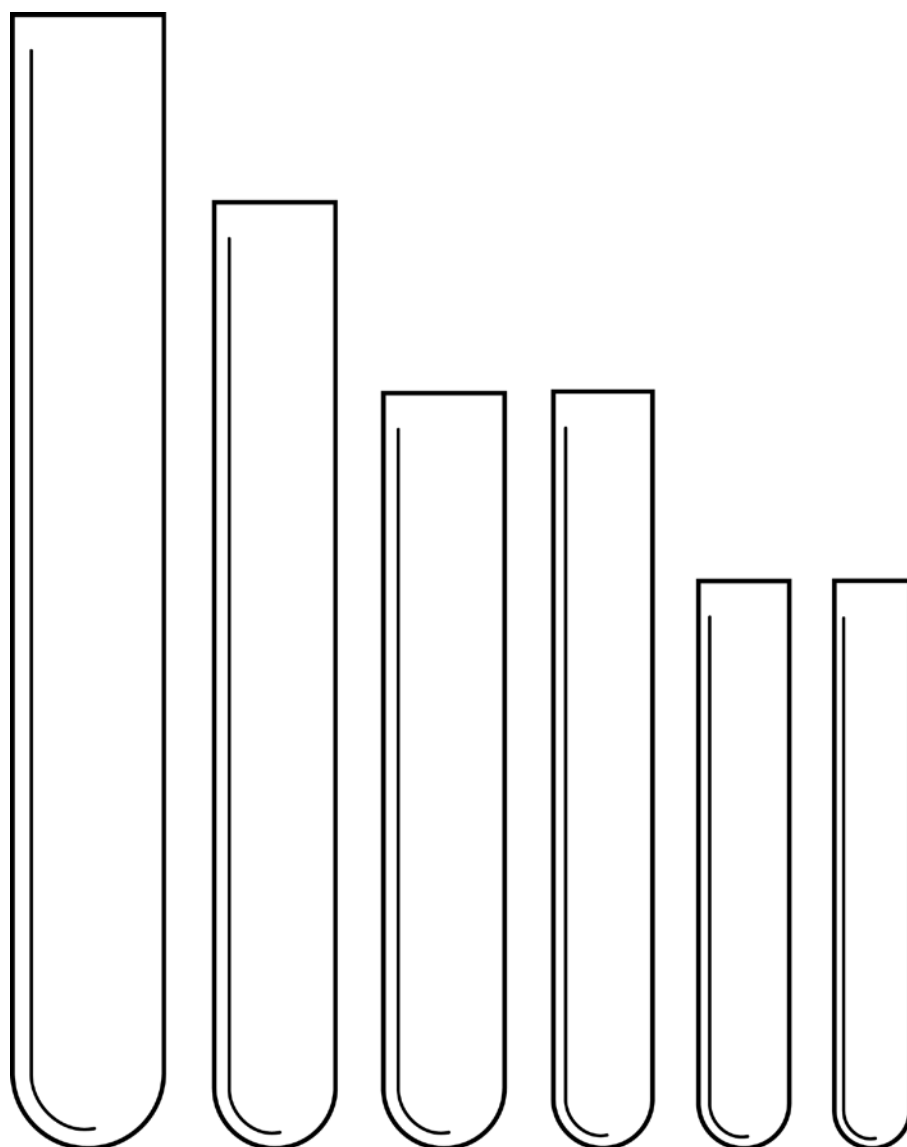
### Isolera™ Spektra One/Four/LS

Isolera™ is a family of flash purification systems with intelligent features that enable chemists to easily achieve better separations at scales from milligrams to over 150 g. The new Isolera Spektra enables chemists to purify more compounds in less time and reduce post-process purity analysis. Isolera Spektra doubles chemists' productivity while slashing purification costs with 20% or more.



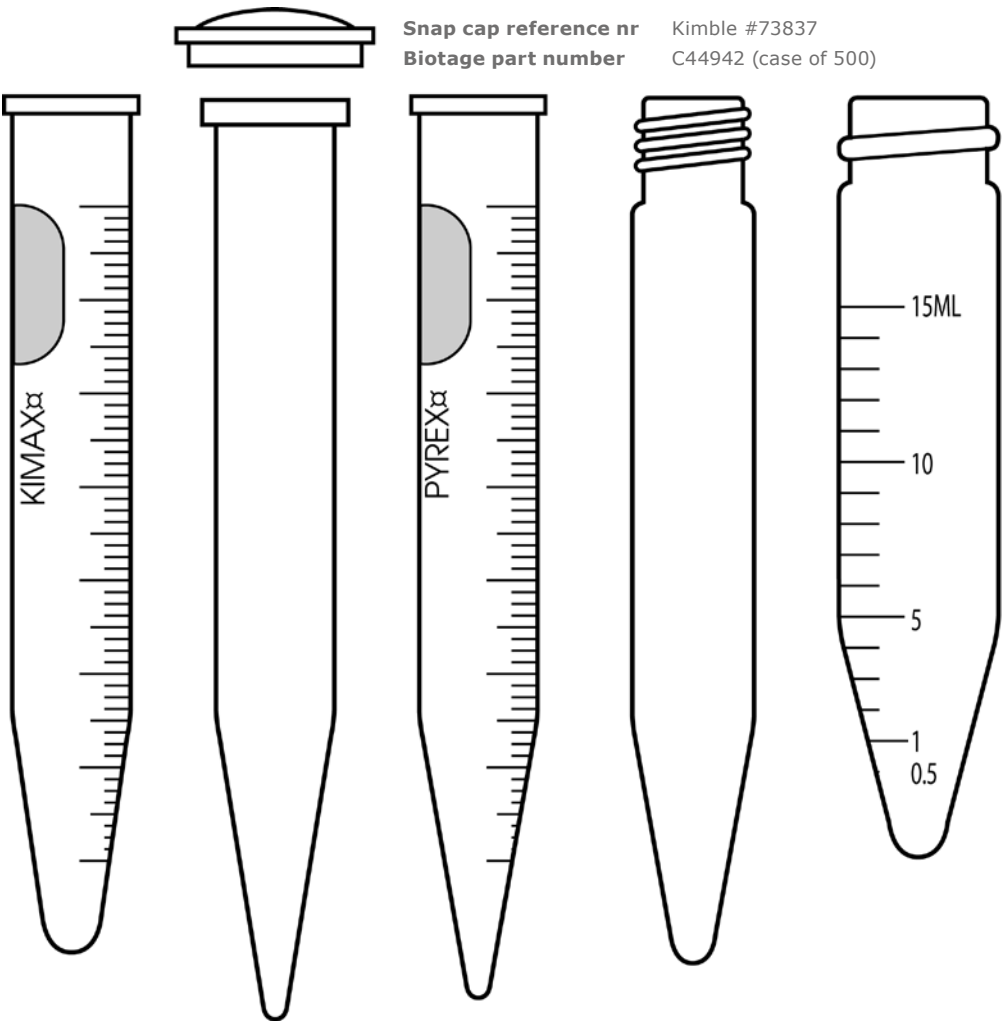
# TurboVap® LV – Tubes and Racks Chart

Match Your Tube to the Outline and Order the Corresponding Rack or Tubes

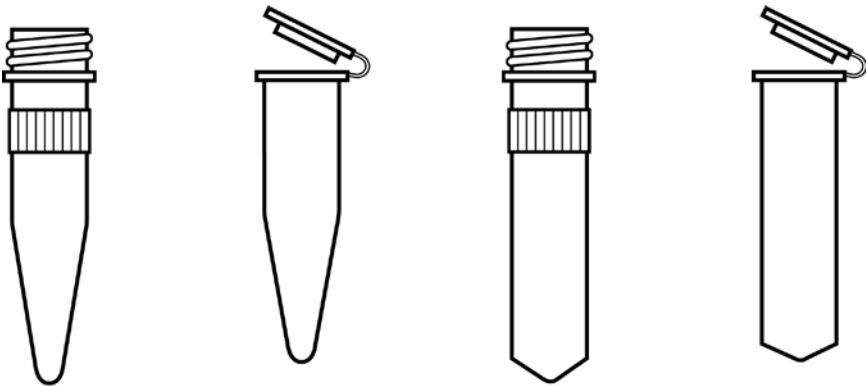


(Scale 1:1)

Dimensions (mm)	20 x 150	16 x 125	16 x 100	13 x 100	12 x 75	10 x 75
Maximum recommended volume	30 mL	16 mL	12 mL	7 mL	4 mL	4 mL
LV rack part number	C44282	C45269	C44139	C45286	C44577	C48950
Test tube part number	C40709	C45273	C40708	C40707	C44651	C48985



<b>Tube reference number</b>	Kimble #45165	Kimble #73790	Corning #8080	Kimble #73785	Biotage #47816
<b>Max recommended volume</b>	15 mL	15 mL	15 mL	10 mL	15 mL
<b>LV rack part number</b>	C44880	C44880	C44880	C47820	C47818
<b>Test tube part number</b>	N/A	C44941 (vials only)	N/A	C47811	C47816



<b>Cap type</b>	Screw Cap	Flip Cap	Screw Cap	Flip Cap
<b>Max recommended Vol.</b>	1.5 mL	1.5 mL	2 mL	2 mL
<b>LV rack part number</b>	C48929	C48928	C48929	C48928
<b>Test tube part number</b>	N/A	N/A	N/A	N/A

# Ordering Information

## TurboVap® II

Product	Part Number
<b>110V AC</b>	
TurboVap II Concentration Workstation with 200 mL tubes and 1.0 mL stems (110/120V) Includes: set of glassware (6 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103187
TurboVap II Concentration Workstation with 200 mL tubes and 0.5 mL stems (110/120V) Includes: set of glassware (6 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103186
TurboVap II Concentration Workstation with 50 mL tubes and 0.5 mL stems (110/120V) Includes: set of glassware (12 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103188
TurboVap II Concentration Workstation with 50 mL tubes and 1.0 mL stems (110/120V) Includes: set of glassware (12 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103189
<b>220V AC</b>	
TurboVap II Concentration Workstation with 200 mL tubes and 0.5 mL stems (220V) Includes: set of glassware (6 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103190
TurboVap II Concentration Workstation with 200 mL tubes and 1.0 mL stems (220V) Includes: set of glassware (6 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103192
TurboVap II Concentration Workstation with 50 mL tubes and 0.5 mL stems (220V) Includes: set of glassware (12 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103193
TurboVap II Concentration Workstation with 50 mL tubes and 1.0 mL stems (220V) Includes: set of glassware (12 ea.), auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103194
<b>ASE Versions</b>	
ASE compatible TurboVap II Concentration Workstation to accommodate 40 mL/1.0 mL Dionex tubes (110/120V) Includes: auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103196
ASE compatible TurboVap II Concentration Workstation to accommodate 40 mL/1.0 mL Dionex tubes (220V) Includes: auxiliary rack for holding tubes, 12.5' of 2" diameter duct hose, clear bath and operator's manual	C103197
TurboVap II ASE Upgrade Kit	C64676

Product	Part Number
<b>Vials</b>	
Evaporation tube (200 mL, 1 mL endpoint, 12/case)	C128506
Evaporation tube (200 mL, 0.5 mL endpoint, 12/case)	C128507
Evaporation tube (50 mL, 1 mL endpoint, 12/case)	C128511
Evaporation tube (50 mL, 0.5 mL endpoint, 12/case)	C128508
Evaporation tube (50 mL, centrifuge, 12/case)	C128512

## TurboVap® 500

Product	Part Number
TurboVap 500, 100/120V, 50/60Hz	C103202
TurboVap 500, 200/220V, 50/60Hz	C103203
<b>Vials</b>	
Evaporation tube (500 mL, 1 mL endpoint, 2/pk)	C128515
Evaporation tube (500 mL, 0.5 mL endpoint, 2/pk)	C128510
Evaporation tube (500 mL, flat bottom, 2/pk)	C128514
<b>Spare Parts</b>	
TurboVap 500 condenser (1/pk)	C128509

## TurboVap® LV

Product	Part Number
TurboVap LV, 110V (rack not included)	C103198
TurboVap LV, 220V (rack not included)	C103199
ASE compatible TurboVap LV, 40/60 mL vial, 110V	C103200
ASE compatible TurboVap LV, 40/60 mL vial, 220V	C103201
TurboVap LV ASE Upgrade Kit	C60911
TurboVap LV-PTFE, bath, manifold, 50 pos, vial 120V	C112175
TurboVap LV-PTFE, bath, manifold, 50 pos, vial 220V	C133718
<b>Vials</b>	
Test Tubes (10 x 75 mm, uncapped, 1000/case)	C48985
Test Tubes (12 x 75 mm, uncapped, 1000/case)	C44651
Test Tubes (13 x 100 mm, uncapped, 1000/case)	C40707
Test Tubes (16 x 100 mm, uncapped, 1000/case)	C40708
Test Tubes (16 x 125 mm, uncapped, 1000/case)	C45273
Test Tubes (20 x 150 mm, uncapped, 500/case)	C40709
Test Tubes (10 mL conical, capped, 125/case)	C47811
Test Tubes (15 mL conical, capped, 125/case)	C44941
Test Tubes (polypropylene snap caps for 15 mL conical bottom tubes, 500/case)	C44942

Product	Part Number
<b>Racks</b>	
Tube Rack (1.5–2.0 mL flip cap microcentrifuge)	C48928
Tube Rack (1.5–2.0 mL screw cap microcentrifuge)	C48929
Tube Rack (10 x 75 mm)	C48950
Tube Rack (12 x 75 mm)	C44577
Tube Rack (13 x 100 mm)	C45286
Tube Rack (16 x 100 mm)	C44139
Tube Rack (16 x 100 mm, prelude compatible)	C44283
Tube Rack (16 x 125 mm)	C45269
Tube Rack (20 x 150 mm)	C44282
Tube Rack (10 mL conical)	C47820
Tube Rack (15 mL conical)	C44880
Tube Rack (15 mL volumetric autotrace)	C47818
Tube Rack (ASE i-Chem Vials), TurboVap LV	C61345

## TurboVap® 96

Product	Part Number
TurboVap 96, 100/120V, 50/60 Hz	C103263
TurboVap 96, 220/240V, 60/60 Hz	C103264

## Biotage® V-10 Evaporator

Product	Part Number
<b>110V AC (USA)</b>	
with syringe pump	EV10-1SX
with peristaltic pump	EV10-1PX
with dual pumps	EV10-1DX
with syringe pump and carousel drive unit	EV10-1SC
with peristaltic pump and carousel drive unit	EV10-1PC
with dual pumps and carousel drive unit	EV10-1DC
<b>230V AC (EU)</b>	
with syringe pump	EV10-2SX
with peristaltic pump	EV10-2PX
with dual pumps	EV10-2DX
with syringe pump and carousel drive unit	EV10-2SC
with peristaltic pump and carousel drive unit	EV10-2PC
with dual pumps and carousel drive unit	EV10-2DC
<b>100V AC (JPN)</b>	
with syringe pump	EV10-3SX
with peristaltic pump	EV10-3PX
with dual pumps	EV10-3DX
with syringe pump and carousel drive unit	EV10-3SC
with peristaltic pump and carousel drive unit	EV10-3PC
with dual pumps and carousel drive unit	EV10-3DC

Product	Part Number
<b>Accessories</b>	
4 mL vial upper adapter kit 5 pcs (type A), 8.5 mm neck inner diameter	410647
4 mL vial upper adapter kit 5 pcs (type B), 11.1 mm neck inner diameter	410648
4 mL vial upper adapter kit 5 pcs (type C), 12.0 mm neck inner diameter	410649
4 mL vial lower adapter kit 2 pcs (type A), 14.8 mm vial diameter	411031
4 mL vial lower adapter kit 2 pcs (type B), 14.1 mm vial diameter	411032
4 mL vial lower adapter kit 2 pcs (type C), 16.3 mm vial diameter	411033
Start up kit – Gilson® GX 271 (also 215,222)	411037
V-10 carousel vial holder, 20 mL	411181
V-10 carousel vial holder, 4 mL 14.5 mm (type A/B)	411182
V-10 carousel vial holder, 4 mL 16.5 mm (type C)	411183
Gilson® GX 271 liquid handler for V-10	411816

## Biotage® SPE Dry 96

Product	Part Number
<b>Single Plate</b>	
SPE Dry-96 Dual Heat Source (DHS), NA 110V	SD-9600-DHS-NA
SPE Dry-96 Dual Heat Source (DHS), EU 220V	SD-9600-DHS-EU
<b>Dual Plates</b>	
SPE Dry-2x96 Dual Heat Source (DHS), NA 110V	SD2-9600-DHS-NA
SPE Dry-2x96 Dual Heat Source (DHS), EU 220V	SD2-9600-DHS-EU
Additional configurations are available. Please contact a Biotage representative for more information.	
<b>Accessories Single Plate</b>	
Spare upper needle head assembly with 96 straight needles, PTFE coated	SD-9601-T
Spare upper needle head assembly with 384 straight needles, PTFE coated	SD-9601-384-T
Top needle assembly (PTFE coated) - 24 channel	SD-9601-T-24
<b>Accessories Dual Plate</b>	
Spare upper needle head assembly, 2 x 96 straight needles, coated	SD2-9601-T
Spare upper needle head assembly, 2 x 384 straight needles, coated	SD2-9601-384-T

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Main Office: +46 18 565900  
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Fax: +46 18 591922  
Order Tel: +46 18 565710  
Order Fax: +46 18 565705  
order@biotage.com  
Support Tel: +46 18 56 59 11  
Support Fax: + 46 18 56 57 11  
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## NORTH & LATIN AMERICA

Main Office: +1 704 654 4900  
Toll Free: +1 800 446 4752  
Fax: +1 704 654 4917  
Order Tel: +1 704 654 4900  
Order Fax: +1 434 296 8217  
ordermailbox@biotage.com  
Support Tel: +1 800 446 4752  
Outside US: +1 704 654 4900  
us-1-pointsupport@biotage.com

## JAPAN

Tel: +81 3 5627 3123  
Fax: +81 3 5627 3121  
jp\_order@biotage.com  
jp-1-pointsupport@biotage.com

## CHINA

Tel: +86 21 2898 6655  
Fax: +86 21 2898 6153  
cn\_order@biotage.com  
cn-1-pointsupport@biotage.com

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