

# Biotage® V-10 Touch Quick Guide

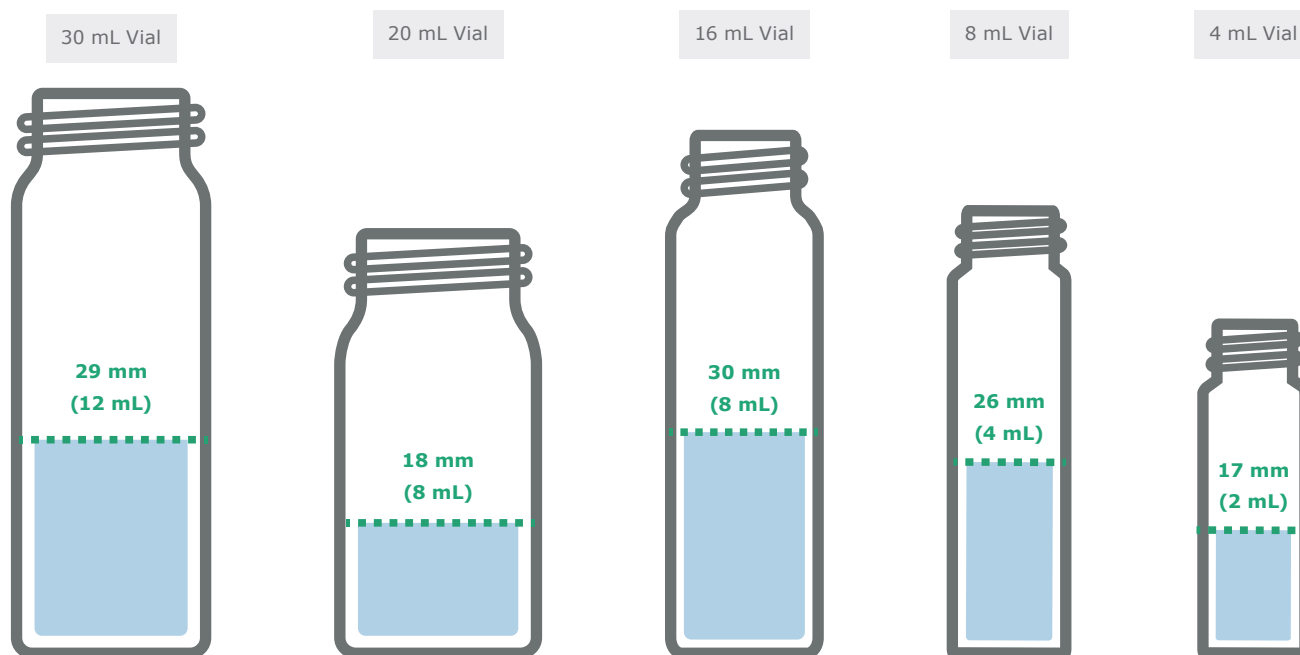
## Success with Evaporation

Biotage® V-10 Touch is a solvent evaporator system for applications in organic and inorganic chemistry. The evaporator is operated via its touch screen.



### Set Up Your Vial

Shown in actual size, simply hold your prepared vial up to the photo to check for proper filling.



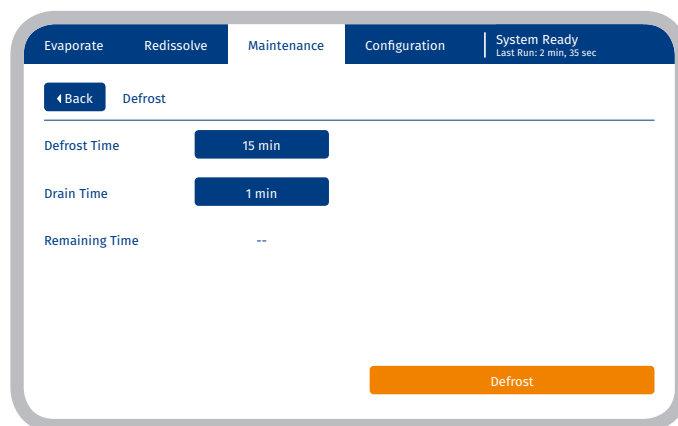
### Defrosting Condenser

As the condenser accumulates ice it becomes less efficient. If ice has built up, a defrost operation must be performed. Do so as often as required. After the defrost operation is completed, the condenser will be drained. A drain will occur even if you cancel the defrost operation before it is completed.

- » Select **Maintenance** from the menu bar
- » Press **Defrost**
- » Press the **Defrost Time** field and enter the defrost time

### Cleaning

Clean the exterior of the system as often as required. If the touch screen has been contaminated by chemicals, it must be cleaned immediately. Please see Maintenance section in the User Manual for further details.



## Methods For Various Solvents

Solvent Name	Alternative Name	Boiling Point (°C)	Method
1,2-Dichlorobenzene		179.0	Very hi boil <sup>1</sup>
1,2-Dichloroethane	DCE	83.5	Volatile
1,4-Dioxane	1,4-diox	101.5	Aqueous
1-Methyl-2-pyrrolidinone	NMP	202.0	Very hi boil <sup>1</sup>
Acetic acid	HOAc	117.9	Hi boil <sup>1</sup>
Acetone	Propanone, 2-propanone	56.1	Volatile
Acetonitrile	ACN MeCN	81.6	Volatile
Ammonia	NH <sub>3</sub>	33.3	Hi volatile
Butan-1-ol	n-BuOH	117.7	Aqueous
Butan-2-ol		99.5	Aqueous
Chloroform		61.1	Volatile
Dichloromethane	DCM	40.0	Hi volatile
Diethyl ether		34.5	Hi volatile
Dimethyl sulfide		37.3	Hi volatile
Dimethyl sulfoxide	DMSO	189.0	Very hi boil <sup>1</sup>
Ethanol	EtOH	78.2	Volatile
Ethyl acetate	EtOAc, AcOEt	77.1	Volatile
Formic acid	HCOOH	101.0	Aqueous
Heptane		98.5	Aqueous
Hexane		68.7	Volatile
Isopropanol	IPA (isopropyl alcohol), Propan-2-ol	82.3	Volatile
Methanol	MeOH	64.6	Volatile
Methyl t-butyl ether	MTBE, t-butyl methyl ether	55.2	Hi volatile
N,N-Dimethylacetamide	DMA or DMAc	165.0	Hi boil <sup>1</sup>
N,N-Dimethylformamide	DMF	153.0	Hi boil <sup>1</sup>
Pentane		36.1	Hi volatile
Propanoic acid	Propionic acid	141.2	Hi boil <sup>1</sup>
Pyridine		115.2	Aqueous
Tetrahydrofuran	THF	65.0	Volatile
Toluene	PhMe	110.6	Aqueous
Trifluoroacetic acid	TFA	73.0	Volatile
Trimethoxymethane	TMM (trimethyl orthoformate)	104.0	Aqueous
Water	H <sub>2</sub> O	100.0	Aqueous

<sup>1</sup> The method is by default set to use an external vacuum pump, if enabled in the system settings.

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