



Protect your samples from moisture

# Lab Companion Desiccator

# Vacuum Desiccator

## Cubic type



### Optimum choice for dehumidification in vacuum state



Cubic type: VDC-11/21/31/41

> **1 Torr, maintained for 72 hours**

Maximum vacuum of 1 Torr ( $1.33 \times 10^{-4}$  Mpa) for more than 72 hours.

> **Solid integral structure**

Made of integral mold to minimize leakage and there is no warping even in repeated high vacuum conditions.

> **Transparent observation environment**

Highly transparent, shatterproof, non-corrosive, and easy to clean polycarbonate construction.



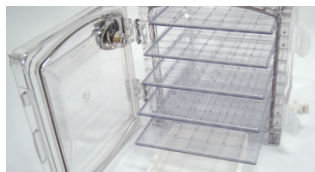
**Useful 3-way valve**

Convenient and useful valve structure for vacuum formation, remove and gas substitution replacement.



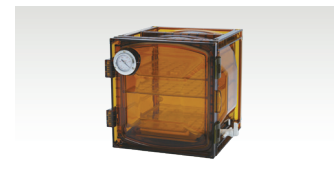
**Multi-level stacking**

Stable multi-level loading to maximize space efficiency.



**Height-adjustable shelves (VDC series)**

Height-adjustable shelf structure for convenient loading of various samples.



**UV blocking model (-U model)**

Vacuum storage of light-sensitive samples. (RoHS except for -U model)

Model	Clear type	VDC-11	VDC-21	VDC-31	VDC-41
	UV protection	VDC-11U	VDC-21U	VDC-31U	VDC-41U
<b>Internal volume (L / cu ft)</b>		11 / 0.4	23 / 0.8	35 / 1.2	45 / 1.6
<b>Vacuum</b>	Gauge range (Analog) (Mpa)	0 to -0.1	0 to -0.1	0 to -0.1	0 to -0.1
	Max. permissible vacuum (Body) (Mpa)	$1.33 \times 10^{-4}$ (1 Torr)	$1.33 \times 10^{-4}$ (1 Torr)	$1.33 \times 10^{-4}$ (1 Torr)	$1.33 \times 10^{-4}$ (1 Torr)
<b>Dimension</b>	Internal (W x D x H, mm / inch)	248 x 254 x 238 / 9.8 x 10 x 9.4	346 x 365 x 246 / 13.6 x 14.4 x 9.7	355 x 375 x 345 / 14 x 14.8 x 13.6	355 x 374 x 445 / 14 x 14.7 x 17.5
	Overall (W x D x H, mm / inch)	322 x 285 x 271 / 12.7 x 11.2 x 10.7	420 x 397 x 281 / 16.5 x 15.6 x 11.1	420 x 397 x 381 / 16.5 x 15.6 x 15	420 x 397 x 491 / 16.5 x 15.6 x 19.3
	Perforated shelf (W x D x H, mm / inch)	202 x 204 x 6.5 / 7.95 x 8.0 x 0.3	289 x 304 x 11 / 11.4 x 12.0 x 0.4	289 x 304 x 11 / 11.4 x 12.0 x 0.4	289 x 304 x 11 / 11.4 x 12.0 x 0.4
	Desiccant tray (W x D x H, mm / inch)	158 x 194 x 24 / 6.2 x 7.6 x 0.9	218 x 268 x 26 / 8.6 x 10.6 x 1.0	218 x 268 x 26 / 8.6 x 10.6 x 1.0	218 x 268 x 26 / 8.6 x 10.6 x 1.0
	Nozzle dia. (mm / inch)	9.5 / 0.37	9.5 / 0.37	9.5 / 0.37	9.5 / 0.37
	Net weight (kg / lbs)	4.2 / 9.3	8.2 / 18.1	10.8 / 23.8	12.2 / 26.9
<b>Shelves</b>	Quantity of shelves (standard/max.)	2 / 4	2 / 4	3 / 5	3 / 6
	Max. load per shelf (kg / lbs)	3 / 6.6	5 / 11.0	5 / 11.0	5 / 11.0
<b>Cat. No.</b>	<b>Clear type</b>	<b>AAAD4001</b>	<b>AAAD4021</b>	<b>AAAD4011</b>	<b>AAAD4031</b>
	<b>UV protection</b>	<b>AAAD4101</b>	<b>AAAD4121</b>	<b>AAAD4111</b>	<b>AAAD4131</b>



# WolfLabs

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

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