

# Desiccators

Cubic Vacuum Desiccators.  
Round Vacuum Desiccators.



## Constructional features

- Fitted with an airtight silicon gasket to maintain a tight vacuum seal without the use of any grease.
- Highly transparent PC (Polycarbonate) strong, great for clear viewing of samples, non-corrosive, easy to clean and maintain.
- The basic component of the drying agent tray and desiccant allows the desiccators to be used in various experiments that involve desiccation.
- Convenient 2-Way stopcock provides a consistent and uniformed release of vacuum during operation.
- O-ring and additional exclusively developed "Locking Clip" provide an air tight seal at any vacuum or atmospheric conditions. (only VDR Series)
- Flange Lock holds the base and top together during non vacuum conditions. (only VDR Series)
- Detachable analog vacuum gauge, fitted at the center of the lid. (optional only VDR Series)
- The heavy-duty desiccators are durably constructed. (only VDC Series)
- Included are 4 ports for attachment of other vacuum gauges or stopcocks. (only VDC Series)
- To maximize laboratory space the desiccators can be stacked 5 high (max stacking limit: 5 units - only VDC Series)

## Selection Guide

	Description	Internal volume (L / cu ft)	Vacuum range (MPa)	Body Material
Cubic type	VDC-31	35 / 1.2	1.13 × 10 <sup>-4</sup> Mpa (Analog)	PC (Polycarbonate)
	VDR-20 (20G)	6 / 0.2		
Round type	VDR-25 (25G)	10 / 0.4	1.13 × 10 <sup>-4</sup> Mpa (Analog)	PC (Polycarbonate)
	VDR-30 (30G)	20 / 0.7		

\* VDR-G Type is with gauge.

# Desiccators

## Round & Cubic Vacuum Desiccators

### Durable Vacuum Desiccators (Transparent models)

Offer reliable vacuum condition: Desiccators holds -0.1 Mpa for 72 hours.

Fitted with an airtight silicon gasket to maintain a tight vacuum seal without the use of any grease.

: for safeguards samples, electronics, other high-value items.

### Specifications & Ordering Informations

#### Cubic Vacuum Desiccators.

MODEL		VDC-31
Internal volume (L / cu ft)		35.0 / 1.2
Vacuum range (MPa)		0 ~ -0.1 (Analog)
Nozzle (mm / inch, Ø)		9.5 / 0.37
Max. permissible vacuum (Bodies)		1.13×10 <sup>-4</sup> MPa
Max. load (kg / lbs) / for shelf		5.0 / 11.0
Number of shelves (included / max.)		3 / 5
Material	Bodies	PC (Polycarbonate)
	Perforated sample tray	PC (Polycarbonate)
	Drying agent tray / Locker	PP (Polypropylene)
	Vacuum seal	Silicone Rubber
Dimensions (W×H)	Internal (mm / inch)	355×375×345 / 14.0×14.8×13.6
	Exterior (mm / inch)	418×398×381 / 16.5×15.7×15.0
Net weight (kg / lbs)		11.5 / 25.4
Cat. No.		AAAD4011

#### Round Vacuum Desiccators.

MODEL		VDR-20 (20G)	VDR-25 (25G)	VDR-30 (30G)
Internal volume (L / cu ft)		6.0 / 0.2	10.0 / 0.4	20.0 / 0.7
Vacuum range (MPa)		0 ~ -0.1 (Analog)		
Nozzle (mm / inch, Ø)		9.5 / 0.37		
Max. permissible vacuum (Bodies)		1.13×10 <sup>-4</sup> MPa		
Material	lid / Bottom	PC (Polycarbonate)		
	Tray, Locker	PP (Polypropylene)		
	Vacuum seal	Silicone Rubber		
Dimensions (W×H)	Exterior (mm / inch)	Ø286×279 / Ø11.3×11.0 (Ø286×354 / Ø11.3×13.9)	Ø353×325 / Ø13.9×12.8 (Ø353×400 / Ø13.9×15.7)	Ø427×399 / Ø16.8×15.7 (Ø427×475 / Ø16.8×18.7)
	Net weight (kg / lbs)	1.5 / 3.3 (1.7 / 3.7)	2.5 / 5.5 (2.6 / 5.7)	4.2 / 9.3 (4.3 / 9.5)
Cat. No.	without gauge	AAAD2011	AAAD2111	AAAD2211
	with gauge (G types)	AAAD2021	AAAD2121	AAAD2221

### for Cubic & Round Vacuum Desiccators.

Cat. No.	Description
AAAD1501	VDE-501 Drying Agent Tray for VDR-20 Series
AAAD1502	VDE-502 Drying Agent Tray for VDR-25 Series
AAAD1503	VDE-503 Drying Agent Tray for VDR-30 Series
VDC0005	Drying Agent Tray for VDC-31
AAAD1511	VDE-511 Perforated Sample Tray for VDR-20 Series
AAAD1512	VDE-512 Perforated Sample Tray for VDR-25 Series
AAAD1513	VDE-513 Perforated Sample Tray for VDR-30 Series
VDC0003	Perforated Sample Tray for VDC-31
VDR0004	VDR-0001 Silicagel for VDR-20 Series (20g)
VDR0005	VDR-0002 Silicagel for VDR-25, 30 Series (40g)

Cat. No.	Description
VDR0001	Vacuum Seal for VDR-20 Series
VDR0002	Vacuum Seal for VDR-25 Series
VDR0003	Vacuum Seal for VDR-30 Series
VDC0015	Vacuum Seal for VDC-31
VDR0015	Flange Locker for VDR-20 Series
VDR0016	Flange Locker for VDR-25 Series
VDR0017	Flange Locker for VDR-30 Series
EDA4300	Vacuum gauge for VDR Series
EDA4214	Vacuum gauge for VDC-31
AAAD1521	Stopcock for VDR Series
AAAD1522	Stopcock for VDC-31