

Vacuum Defoaming Stirrer



Uniform Mixing and Bubble Removal in One Step!

Structural Functional Features

- Simultaneous mixing and degassing to save time and cost.
- Vacuum stirring unit for uniform mixing and efficient bubble removal
- Seamless molded body structure as a single piece, for maximum sealing performance.

User convenience

- Transparent polycarbonate(PC) body allows excellent visibility and easy internal monitoring.

Applications

- **Cosmetics:** Removes air bubbles during cosmetic mixing to achieve a smoother texture and improved product stability.
- **Pharmaceuticals:** Eliminates air bubbles during drug formulation to ensure consistent quality and stability.
- **Chemicals:** Used for uniform mixing and degassing in the production of paints and coatings, adhesives, and sealants.
- **Semiconductors:** Removes air bubbles when mixing conductive pastes or adhesives in electronic substrate manufacturing, maximizing electrical performance.



VDC-41D

with Vacuum Mixing Seal, Lab Sticker, Desiccant tray, Stand, Anchor Impeller (Standard), Overhead Stirrer (Option)

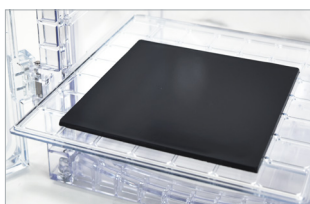
Specification

Model		VDC-41D
Internal volume (L)		45
Vacuum	Gauge range (Analog, MPa)	0 ~ -0.1
	Max. permissible vacuum (Mpa)	1.33×10^{-4} (1 Torr)
	Nozzle diameter (Ø, mm)	9.5
Mixing	Max. rpm	300
	Max. Viscosity (cPs)	6000
Material	Body, Shelves	Polycarbonate, Transparent
	3-Way Valve, Latch, Desiccant tray	Polypropylene
	Vacuum Seal, Foot	Silicone Rubber
Dimensions	Overall (W x D x H, mm / inch)	420 x 397 x 501 / 16.5 x 15.6 x 19.7
	Door opening (W x H, mm / inch)	295 x 445 / 11.6 x 17.5
	Shelf (W x D x H, mm / inch)	289 x 304 x 11 / 11.4 x 12.0 x 0.4
	Desiccant tray (W x D x H, mm / inch)	218 x 268 x 26 / 8.6 x 10.6 x 1.0
Net weight (kg / lbs)		14.8 / 32.6
Shelves	Number of Standard / Max. (ea)	3 / 6 ea
	Max. load/shelf (kg / lbs)	5 / 11
Cat. No.		AAAD4431

Standard Accessories

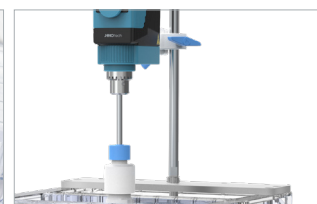
Cat. No.	Product Name
VDC0005	Desiccant tray
VDC0003	Perforated shelf
VDC0034	Vacuum seal
AAAD4501	3-way valve
VDC0083	Vacuum Gauge
AAAD1506	Vacuum mixing seal
AAA30551	Lab sticker
AAA37508	Stand
AAA37572	Anchor Impeller

- ※ The above accessories are included as standard.
For additional purchases or replacements, please order using the corresponding Cat. No.
- ※ The Vacuum Defoaming Stirrer is supplied with the AAA37572 Anchor-type impeller as standard. If a different impeller is required, models with Ø8 · length 500mm are available separately.



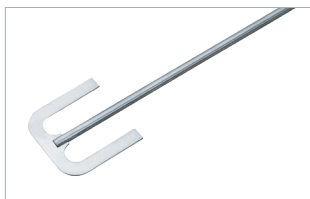
Lab Sticker

Anti-slip, vibration-absorbing pad



Stand

Support base for stirrer



Anchor Impeller

Stainless steel blade for high-viscosity sample

Optional Accessories

Cat. No.	Product Name
AAH371415K	Overhead Stirrer (MSH, MSD, MSA Series)
AAH371515K	
AAH373225K	
AAH373325K	
AAAD1507	Beaker Dock Shelf Set (500mL)

- ※ The overhead stirrer for the vacuum defoaming stirrer is compatible with other brands.



Overhead Stirrer (Option)

Stirrer for uniform mixing of high-viscosity liquids



Beaker Dock Shelf Set (Option)

Handle-type beaker holder, made of white-anodized aluminum (Cat. No.: AAAD1507)

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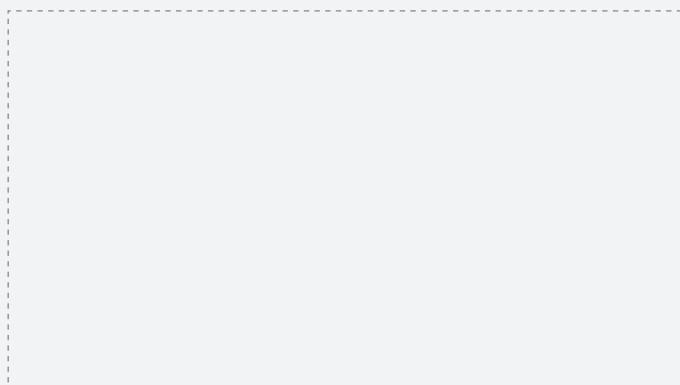
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