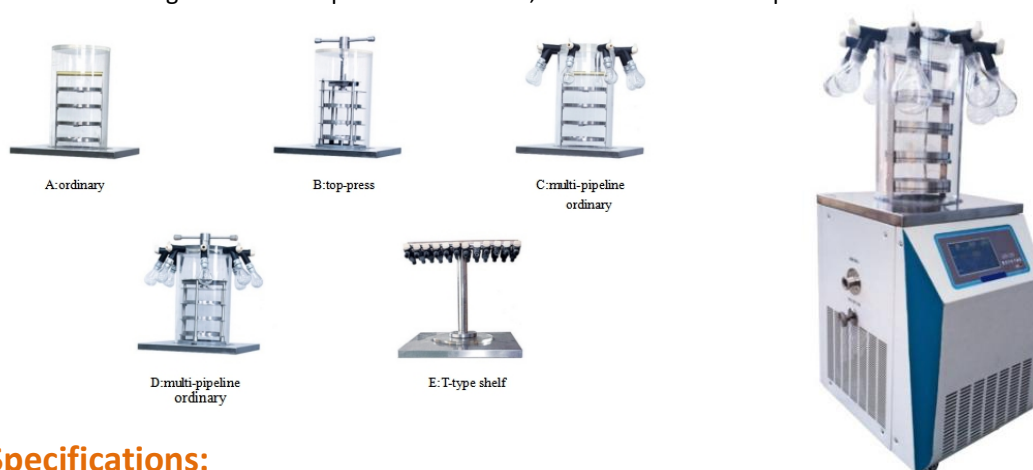


## Freeze dryer

LGJ-12S/18S/30S heating in-situ freeze dryer series are small vertical freeze dryer machine. These models have shelf heating and programmable function. They are suitable for lab use or small-scale production, and they can meet requirements for most laboratories.

### Features:

- ◆ inch embedded integrated color touch-screen, the operating system is a set of advanced Cortex-A8 processor, 128 MB capacity of high performance control system.
- ◆ The machine control system can save 40 freeze-drying scheme, each scheme can be set up 40 segments of temperature parameter values. Shelf has heating function.
- ◆ Operating system has manual operation and automatic operation, two working modes, to improve the selectivity of freeze-drying process.
- ◆ Have automatic alarm and protection function, equipment failure is easy to Judge.
- ◆ Have password protection function, to ensure the safe and reliable operation.
- ◆ Cascade refrigeration is optional, applied for -80°C machine.
- ◆ Optional remote monitoring and remote operation functions, convenient for user operation in different conditions.



### Technical Specifications:

Model		AE-LGJ-10		AE-LGJ-12/12S		AE-LGJ-18/18S			AE-LGJ-30S	
Specification	Unit	Standard	Top-press	Standard	Top-press	Standard		Top-press	Standard	Top-press
Freeze-drying area	m <sup>2</sup>	0.12	0.08	0.12	0.08	0.18	0.27	0.09	0.43	0.3
Cold trap temperature	°C	<-56°C (no-loading), option-80°C (no-loading)				<-56°C (no-loading), option-80°C (no-loading)				
Vacuum degree	Pa	<10				<10				
Water-capture capability	kg/24h	3 4		3 4		6			8	
Material tray	mm	200mm, 4 layers (6 layers as option)	180mm, 3 layers	200mm, 4 layers (6 layers as option)	180mm, 3 layers	240mm, 4 layers	240mm, 4 layers	200mm, 3 layers	280mm, 7 layers	280mm, 5 layers
Power	w	970		970		1400			2200	
Weight	kg	41		62		105			193	
Dimension	mm	615×450×370+(430mm as drum height)		580×500×720+(430mm as drum height)		630×580×970+(460mm as drum height)			1230×630×2190+(460mm as drum height)	
erial(Thickness:10mm)	L	1.2L(10m)	8L(10m)	1.2L(10mm)	8L(10mm)	1.8L(10mm)	2.7L(10mm)	0.9L(10mm)	4.3L(10m)	3L(10mm)
Exiling bottle	Piece	Φ12mm: 920	Φ12mm: 560	Φ12mm: 920	Φ12mm: 560	Φ12mm: 1320	Φ12mm: 1980	Φ12mm: 990	Φ12mm: 3500	Φ12mm: 2470
	Piece	Φ16mm: 480	Φ16mm: 285	Φ16mm: 480	Φ16mm: 285	Φ16mm: 740	Φ16mm: 1110	Φ16mm: 555	Φ16mm: 1980	Φ16mm: 1380
	Piece	Φ22mm: 260	Φ22mm: 165	Φ22mm: 260	Φ22mm: 165	Φ22mm: 360	Φ22mm: 540	Φ22mm: 270	Φ22mm: 960	Φ22mm: 675