

PHARMACEUTICAL FREEZE DRYER

**Vaccines
Production**

**Precise
Temp. Control**

**Modular
Sub-Systems**

**Meet GMP &
21CFR Part 11**



The Vikumer pharmaceutical freeze dryers are designed to perform commercial and industrial large scale lyophilization processes. For freeze drying of pharmaceutical vaccines and injectable formulations. Stoppering the vials after lyophilization.

The equipment was designed and engineered modularly that enables flexible configuration of the standardized sub-systems. Vikumer engineer team continue optimize our freeze dry systems to the best matching, benefit you from system performance to end product quality, from system reliability to long-terms benefit.

MODELS & PARAMETERS:

		FD-5L-TP	FD-10L-TP	FD-20L-TP	FD-30L-TP
Vials Capacity	φ16	21000	37800	76725	114576
	φ22	10800	19400	40392	60588
	φ24	9250	16650	34100	51150
Shelves Area		5.4m ²	10.5m ²	19.8m ²	29.7m ²
No. of Shelves		5+1	7+1	11+1	11+1
Shelf Size		900*1200mm	1000*1500mm	1200*1500mm	1500*1800mm
Spacing		100mm	100mm	100mm	100mm
Shelf Temp.		-55C ~ +70C	-55C ~ +70C	-55C ~ +70C	-55C ~ +70C
Vacuum		<1Pa	<1Pa	<1Pa	<1Pa
Condenser		100Kgs	200Kgs	400Kgs	600Kgs/24Hrs
Condenser Temp.		-85C	-85C	-85C	-85C
Power		28Kwh	60Kwh	82Kwh	91Kwh
Size (mm)		1700*4300*2650	2000*6200*2800	2300*6800*3500	2500*7500*4000

