

BFD-50P Pilot Freeze Dryer



BFD-50P floor model Freeze Dryer (Lyophilizer) fit lab research or small scale pilot production, could apply to multiple fields in pharmaceutical, edible food, biological, bacteria's etc. Whether the samples in bulk containers or in bottles could success freeze drying. TP series model also could handle material in vials drying and vacuum capping.

Available shelf area 0.69sq.m and ice capacity 10L in 24hrs period provide a rapid vapor collect speed while in sublimation process, cascade refrigeration system could cool the ice condenser directly by refrigerant expand as low as -80C, indirect cool shelves by plate heat exchanger as low as -50C.

Professional and versatility industrial LYO-CONTROL system, provide controller with the most advance PLC and 7" Full Color Touch screen system, PC and Mobile Phone connective function/software optional.

Technical Parameters:

Model	BFD-50P	BFD-50P-TP
Shelf Area	0.69m ²	0.51m ²
Ice Capacity	10L	10L
Shelves	4+1	3+1
Trays	4EA	3EA
Shelf Temp.	-45°C to +70°C	-45°C to +70°C
Condenser Temp.	-80°C	-80°C
Vacuum	3Pa	3Pa
Defrosting	Electric	Electric
Power Install	5.5kw	6.5kw
Size	1000*800*1450mm	1000*800*1450mm
Vials Capacity(φ22)	/	1000Pcs