Freezer Temperature Chamber
냉해실험챔버



- 각종 식물들의 냉해실험 및 장기보존 테스트 장비
- 발아실험, 각종식물의 조직배양, 열과빛에 민감한 미생물 배양, 식품의 보존성 실험등
- 온도제어는 Microprocessor touch keypad에 의해 입력, PID동작을 하므로 온도편차가 적고 정밀도가 높다.
- 저온으로 장기간 배양할 수 있도록 설계, 제작 되었으며 식물의 배양, 화분(花粉)저장에 적합하다.
- IR sensor를 이용한 CO2 자동 조절장치 부착, CO2를 대기중 농도에서 5,000ppm or 0 ~ 20%까지 자동 조절(Option)

DS-86FS



DS-86F1



DS-86F2



		DS - 86FS	DS - 86F1	DS - 86F2
Type		1 chamber		2 chamber
Main Controller		Programmable microprocessor multi-functional P.I.D controller with 5.7" TFT-LCD color monitor touch screen(120 seasonal cycles, 1200 step, 999Cycle)		161step programmable microprocessor, after the end of the operational PID regulator in the culture or the storage temperature (8 seasonal cycles, 80 steps, 80 Slope hour program)
Temperature	Range	-40℃ to 60℃		
	Accuracy	Constance ±0.2℃ / Variation ±0.8℃		
Dimensions (WxDxH)mm	In	600 x 850 x 800	900 x 800 x 1000	600 x 500 x 850 x 2room
	Out	1090 x 1330 x 1765	1390 x 1280 x 1985	1740 x 980 x 1875
	Window	200 x 300mm		None
	Capacity	408 L	720 L	510 L (255 L x 2room)
Heater		Ni-Cr wire heater 1.5Kw	Ni-Cr wire heater 3Kw	
Cooler		Plate fin cooler		
Material	In	Stainless steel (SUS 304)		
	Out	Steel plate with powder coating(SCP-1)		
Refrigerating machine		R-404A(CFC-free) 1HP		
Safety device		Leakage breaker, Circuit breaker, Over heat protector, Refrigerator high & low pressure S/W, Over current relay, Emergency shut off S/W		
Power(AC220V, 60Hz)		3Kw	4Kw	4.6Kw

Option Accessories

Communication	RS-232 or RS-485 interface & communication PC software program, USB converter
Data acquisition	6 channel digital recorder, Chart type 2 channel, Digital type 2channel, USB memory storage device