Seed Germinator

- Germination of various seeds
- Internal structure is made of stainless(SUS 304) therefore it is not rusty.
- Humidity control device available for installation (Option)

DS-10G



DS-10GW
window



DS-10G-S



Optional Accessory
- Humidity tray
- Spray gun

DS-10G-L



DS-10G-C



DS-10G4-H



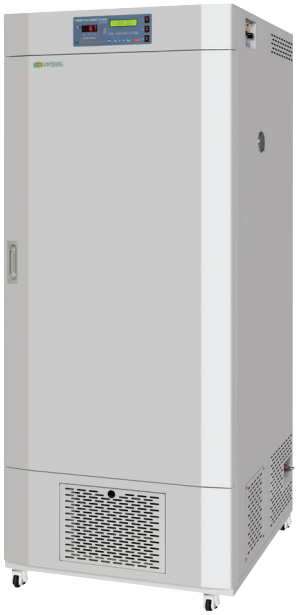
Humidity Controller

Four room chamber
In : 500 x 500 x 500 x 4room
Capacity : 500 L (125 x 4room)
Temp. : 0℃ to 60℃

DS-10GH



DS-10GCPLH



Seed Germinator









A. Germination of chili

1. Put it into the seed soaking net by each farmer.
2. Soak it in warm water (About 22℃) at about 10pm.
3. Wash it with running water at about 8am
4. Lay towel on the shelf of germination experimenting machine and spread the seeds on the towel and cover towel on it.
   Adjust the germination temperature at 25-28℃ and keep it not dried by putting a dish with water on the bottom.
5. Overturn it in first evening.
6. Keep it not to be dried in second day (By soaking again or spraying)
7. On 3rdday,putitinacontainerandreleaseit.

B. Germination of watermelon and gourd

1. Put it into the seed soaking net by each farmer.
2. Unsterilized seeds shall be put into the mixture of water (20℃) and benlate solvent to sterilize for 1 hour. (Water 10 liters + benlate 50g).
3. Soak it for 3 – 5 hours.
4. If it is gourd then dry it in the shade for about one day and then the spermoderm will become soft.
5. Spread a towel on the shelf of the germination experimenting equipment and spread thinly the seeds on the towel and then cover it with a towel.
   Adjust the germination temperature at 28 - 30℃ and keep it not to be dried by putting water on a dish on the bottom.
6. Turn it over after one day, if it is dry then spray water on it.
7. If germination is delayed after 2-3 days then pick foreign materials out from the seeds and then put them again.
8. Supply farmers the hastening sprout.
9. The gourd may become dormant at a high temperature of 30℃ above.

		DS-10G	DS - 10G-S	DS - 10G-L	DS - 10G-C	DS-10G4
Main controller		Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller (Temp, Time)				
Temperature	Range	Ambient +1℃ to 45℃			0℃ to 60℃	
	Accuracy	±0.2℃ at 30℃			±0.2℃ at 25℃	
Timer		99min. 59sec. or 99hr. 59min. or 99days 23hours or continuous selectable				
Password / Data lock key		Touch key board control system				
Dimensions (WxDxH)mm	In	400 x 400 x 300	500 x 500 x 700	500 x 500 x 980	500 x 500 x 980	500 x 500 x 500 x 4room
	Out	465 x 490 x 475	640 x 665 x 870	640 x 665 x 1150	640 x 775 x 1525	1700 x 800 x 1770
	Capacity	48 L	175 L	245 L	245 L	500 L (125 x 4room)
Material(In/Out)		Stainless steel (SUS 304) / Steel plate with powder coating(SCP-1)				
Power(AC220V, 60Hz)		0.2w	0.3Kw	0.5Kw	1Kw	4Kw

Humidity Controller

		DS-10G-H	DS - 10GS-H	DS - 10GL-H	DS - 10GC-H	DS-10G4-H
Humidity	Range	Up to 98% RH at 30℃				
	Accuracy	±2% at 70%				
	Controller	Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller				
Power(AC220V, 60Hz)		0.5Kw	0.6Kw	0.8Kw	1.3Kw	6Kw