Multi Shaking Incubator

(One chamber + Multi shaker)

- Equipment used for shake culture of animal and plant cells, thermophilic bacteria culture, enzyme reaction, mixing and bleaching of various reagents, clinical pathology, serum test, etc
- Many shakers can be controlled in different speeds respectably in the same condition.
- Can conduct various experiments and it can demonstrate a large scale shaking culture effect in a narrow space.
- Agitation speed is kept constant regardless of the weight and voltage of the object.
- Special motor is used therefore the life is semi permanent, no noise, no vibration, and easy to control speed, and it generates little heat therefore even though it is used for a long time, it maintains optimal condition.
- Rotation speed is uniform and it operates softly from low speed to high speed using eccentric load absorption mechanism.

DS-315M2L



DS-315M3L



DS-315M4L



Holder one plate

Holder	DS-310S/F	DS-310TS/TF	DS-310R	DS-310C	DS-315M
100ml	36ea	36ea	64ea	36ea	36ea
250ml	25ea	25ea	42ea	25ea	25ea
500ml	16ea	16ea	25ea	16ea	16ea
1000ml	9ea	9ea	16ea	9ea	9ea
2000ml	5ea	5ea	9ea	5ea	5ea
Spring rack	455 x 455	455 x 455	640 x 590	455 x 455	455 x 455

		DS - 315M2L	DS - 315M3L	DS - 315M4L
Shaker		Two layer	Three layer	Four layer
Controller(Temp., Speed)		Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller (Temp, Time, Speed)		
Temperature	Range	-5℃ to 60℃		
	Accuracy	Better than ±0.1℃ at 37℃		
Speed	Range	0 - 350 R.P.M (Option 500 R.P.M)		
	Controller	Microprocessor feed back controller / per room		
Illumination	Lamp	F.L 20W x 4sets	F.L 20W x 4sets	F.L 40W x 4sets
	Controller	Microprogram touch LCD 11step No-revision CPU illumination controller(99hr.59min./step)		
Dimensions (WxDxH)mm	In	700 x 600 x 800	700 x 600 x 1250	700 x 600 x 1700
	Out	1220 x 880 x 1000	1220 x 880 x 1480	1220 x 880 x 1980
	Shaker	470 x 485 x 170 x 2stage	470 x 485 x 170 x 3stage	470 x 485 x 170 x 4stage
	Holder plate	455 x 455(WxD)		
Drive motor		Plate type b/1 motor		
Stroke		28mm dia-circular orbital (Reciprocating-Option)		
Cooling Compressor		1/3HP	1/2HP	3/4HP
Material	In / Out	Stainless steel (SUS 304) / Steel plate with powder coating(SCP-1)		
	Platform	Anodizing duralumin 5054(Test tube 2000ml universal type)		
Flask holder		100 - 2000ml(Interchangeable)		
Total flask holder		50ea(250mlx25eax2shaker)	75ea(250mlx25eax3shaker)	100ea(250mlx25eax4shaker)
Power(AC220V, 60Hz)		1Kw	2.1Kw	3.1Kw