

REFRIGERATED STACKABLE INCUBATOR SHAKER



MODEL : MSS / MSS - (ADVANCE)

TECHNICAL SPECIFICATIONS

Orbital shaking incubator are specially designed to have combined advantage of closely controlled incubation/ storage – temperature with orbital shaking (Stackable Units) .

Constructed of double walls, the exterior is of GI sheet duly powder coated and Interior are made of Stainless Steel 304 grade mirror finish

The plexiglass inner door makes it possible to inspect specimen without disturbing the temperature. Fold down outer Door is made of Double Glass window in Frame with lock & Key.

Air Circulating fan creates positive air flow through the incubator, and maintains uniform temp. With 1 no. perforated Stainless Steel adjustable trays.

Incubator Shaker (**REFRIGERATED MODEL**) incorporates hermetically sealed ISI marked CFC Free compressor housed below the incubator to provide temperature below ambient.

ILLUMINATION: with fluorescent tube of 30cm length (2 No.) with Cyclic timer and UV light (1 no.)

SHAKING MOTION : Orbital with variable frequency drive having gentle start & stop function.

TEMPERATURE RANGE : 5°C to 60°C ± 0.1 to 0.4°C (Optional : upto 80°C.)

SPEED RANGE : 20 to 300 RPM (Optional : upto 400 RPM)

PROCESS CONTROL FOR (ADVANCE SERIES) : 7 inch TFT Touch Screen HMI with large easy to read display. Screen clearly indicates speed temperature and alarm condition. Display is clearly visible in the dark. Temp. and speed deviation alarm PLC based programmable controller to automate parameter changes Time, temperature shaking having 4 programs 10 steps each for timed studies. With Program end alarm System is able to maintain set point during power interruption and restart when power resumes Data logging of Temp., RPM with Date & Time in internal memory and can be transferred to USB pen drive. Trend graph of Temp. & RPM with time. Programmable cyclic control of Illumination. Option for screen shot, Web interface with complete operation from any other PC or Laptop (through static IP)

PROCESS CONTROL FOR (BASIC SERIES) : PID Temp. controller, with 0-24 hr Illumination Timer control and Digital RPM Display with Timer control

SAFETY FEATURES : Audio Visual alarm for High Temp. and rpm deviation from set value .Spill proof and provision for easy cleaning in case of a spill. Shaking stop when door is opened. Resumption of operation after power failure.



MODEL : MSS-120

MODEL	MSS-180 / MSS-180 (ADVANCE)	MSS-120 / MSS-120 (ADVANCE)
X ps! joh! Dbqbdjuz	291!ms'	231!ms'
Uf n q!Sbohf	6°D!up!71°D	
Uf n q!Bddvsbdz	, 1/2°D!.!1/5°D	
Tqf f e!Sbohf	31!up!411!sqn !_!2sqn /	
P sc!jbr!E!j	2: n n /	
Joof sT!j!{f	76!y!76!y!53!dn /!X !Y!E!y!l! *	61!y!61!y!51!dn /!X !Y!E!y!l! *
P wf sbr!j!{f	251!y!96!y!86!dn /!X !Y!E!y!l! *!bqqspy/	71!y!81!y!96!dn /!X !Y!E!y!l! *!bqqspy/
Qrbupsn !T!j!{f	71!y!71!dn /	56!y!56!dn /
Ti bl!joh!Usbz	Vojwf s br!Qrbupsn !up!bddpn n pebf !jouf s!di bshf bc!rh!ldrn qt !pgbt t psf e!t!j!{f t !g!ps!ejgf s! oudbqbdjuz!pgd!podjbr!y!bt ! t /	
N by!Qrbupsn !Dbqbdjuz	47!Gbt ! t !y!1611!n r!071!Gbt ! t !y!211!n r!0 5: !Gbt ! t !y!1361!n r!023!Gbt ! t !y!2111!n rh	: !Gbt ! t !y!1611!n r!036!Gbt ! t !y!211!n r!0 27!Gbt ! t !y!1361!n r!06!Gbt ! t !y!2111!n rh
Qpx f sT!vqqm	331!wp!r! -!61i { -!BD!t !joh!rh!k!i bt f !t vqqm	