MAC

PLANT GROWTH CHAMBER

 # Images for reference purpose only, may change according to model & size

MSW-130

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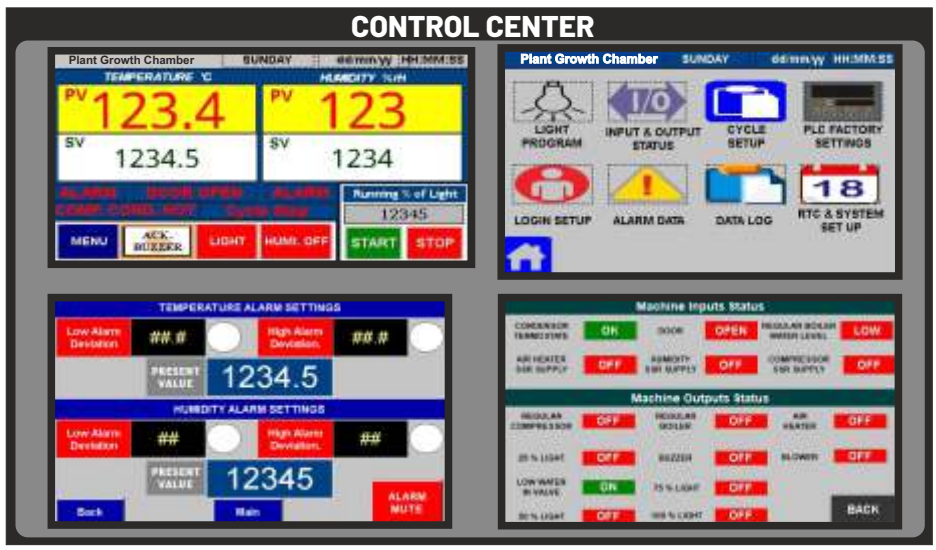
PLANT GROWTH CHAMBER
MSW-130

- Many area of plant research require the use of a controlled environment. In this way, a plant's response to different conditions can be monitored or a particular habitat imitated. Standard propagation techniques can be greatly speeded up using a growth cabinet as well as achieving a higher success rate. Where micro propagation is being used a growth cabinet is essential for rooting the plantlets and adapting them to normal conditions. This plant growth cabinet is ideal for all routine propagation and research applications.
- With a solid see thru double walled door and a full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- Excellent quality magnetic gum packing door gasket for external door.
- User- oriented design of shelves makes you adjust each space of shelves without difficulty.
- Forced air circulation at triple walled back by durable coaxial blower, maintains optimum temperature uniformity and homogeneity.
- Foamed-in-Place PUF insulation ensures thermal stability and reduces electrical energy consumption.
- Caster wheel mounted for easy portability.
- Front double walled door is provided with lock and key arrangement.
- Door operated illumination lamp is fitted inside the chamber for easy visibility.
- Finned tube evaporator facilitates uniform and faster cooling effects.
- Safety Thermostate to prevent overheating.
- Exterior illumination with the help of fluorescent lamps/tubes accounts for artificial daylight conditions.
- Works on 220/230 Volts AC (50/60 Hz frequency)



Technical Specifications & Ordering Informations

Type	Forced Convention Type
Freezer Compressor	Hermetically sealed air cooling compressor system
Temperature Range	10°C to 60°C
Temperature Accuracy	±1°C
Humidity Creation	Through sophisticated steam injection process.
Humidity Range	5% above ambient from 40% to 95%RH at cool temperatures.
Humidity Accuracy	±3%RH
MOC Outer	Powder coated CRC Steel Sheet
MOC Inner	Chamber and trays made of Stainless Steel (SS-304)
Illumination	Exterior illumination with fluorescent tubes/lamps.
Controller	Microprocessor Based Digital Temperature Indicator-Cum-Controller
Electrical Supply	220/230V AC, 50/60Hz

MICROPROCESSOR DIGITAL CONTROLLER WITH LCD DISPLAY MODEL	CHAMBER CAPACITY	CHAMBER VOLUME
#PGC-4(LCD)	112 ltrs	4.0 Cuft
#PGC-6(LCD)	171 ltrs	6.1 Cuft
#PGC-10(LCD)	285 ltrs	10.0 Cuft
#PGC-12(LCD)	340 ltrs	12.0 Cuft
#PGC-16(LCD)	450 ltrs	16.0 Cuft
#PGC-20(LCD)	560 ltrs	20.0 Cuft
#PGC-28(LCD)	800 ltrs	28.0 Cuft
#PGC-35(LCD)	1000 ltrs	35.0 Cuft

*** Units with TFT touch display are also available**

* Automatic Voltage Stabilizer recommended as essential

MAC

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