

ENVIRONMENTAL CHAMBER



APPLICATIONS

Germinators are useful for seed testing, biological studies, forestry research works etc. 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 distributing 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.

High grade PUF Insulation between outer and inner chamber for minimal thermal losses.

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.

CONSTRUCTIONAL AND SALIENT FEATURE

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TECHNICAL SPECIFICATION & ORDERING INFORMATION

MODEL	APS-ENC#4	APS-ENC#6	APS-ENC#10	APS-ENC#12
Dimensions (mm)	455x410x610	505x415x830	570x550x875	650x580x900
Capacity	112 trs	171 ltrs	280 ltrs	340 ltrs
Volume	4 Cuft	6.1 Cuft	10 Cuft	12 Cuft
No. of shelves	4	6	8	14
MOC Outer	Powder coated CRC Steel Sheet			
MOC Inner	Chamber and trays made of Stainless Steel (SS-304)			
Type	Forced Convection Type			
Freezer Compressor	Hermetically sealed air cooling compressor system			

Temperature Range	5°C to 60 °C
Accuracy	+1°C
Humidity Creation	Humidity generation (Steam Type)
Humidity Range	5% above ambient from 40% to 95% RH at cool temperature
Humidity Accuracy	+5% RH
Controller	Microprocessor based temperature Data Logger with 9 segments to enable users to control nine different variation and repetition of temperature and humidity according to its conditions.
Electric Supply	220/230V AC, 50/60 Hz

MODEL	APS-ENC#15	APS-ENC#16	APS-ENC#18	APS-ENC#20
Dimensions (mm)	700x640x900	700x640x970	700x640x1100	700x700x1100
Capacity	700x640x900	700x640x970	700x640x1100	700x700x1100
Volume	15 Cuft	16 Cuft	18 Cuft	20 Cuft
No. of shelves	14	14	16	16
MOC Outer	Powder coated CRC Steel Sheet			
MOC Inner	Chamber and trays made of Stainless Steel (SS-304)			
Type	Forced Convection Type			
Freezer Compressor	Hermetically sealed air cooling compressor system			
Temperature Range	5°C to 60 °C			
Accuracy	+1°C			
Humidity Creation	Humidity generation (Steam Type)			
Humidity Range	5% above ambient from 40% to 95% RH at cool temperature			
Humidity Accuracy	+3% RH			
Controller	Microprocessor based temperature Data Logger with 9 segments to enable users to control nine different variation and repetition of temperature and humidity according to its conditions.			
Electric Supply	220/230V AC, 50/60 Hz			
Optional	PLC + HMI			



APS LAB INSTRUMENTS PVT.LTD