



AEROTECH PHARMA EQUIPMENT

WE CREATE WEATHER

- STABILITY CHAMBERS
- WALK IN HUMIDITY CHAMBER
- WALK IN INCUBATOR
- COOLING CHAMBERS
- WALK IN COOLING CHAMBER
- BOD INCUBATOR
- SCIENTIFIC REFRIGERATOR
- PHOTO STABILITY CHAMBERS
- DEEP FREEZERS
- DUAL CHAMBER (DUAL INCUBATOR)

Empowering technology for the future

AEROTECH PHARMA EQUIPMENT



AEROTECH PHARMA EQUIPMENT

WE CREATE WEATHER

Dear Customer

We take pleasure in introducing ourselves as manufacturers of Pharmaceutical Equipments like Stability Chambers, Cooling Chambers, Cooling Incubators, Laboratory Ovens, Walk - in - Humidity Chamber, Walk - in - Cooling Chamber, etc.

Aerotech Pharma Equipment is promoted by technically qualified personnel with vast experience in innovative Equipments building.

Latest use of Technology, modern infrastructure and adherence to well defined standards and procedures with continuous monitoring are the key elements to Aerotech Pharma Equipment's success.

Aerotech Pharma Equipment dedicates to quality Standards, Timely Delivery, Prompt Service and Customer Satisfaction.



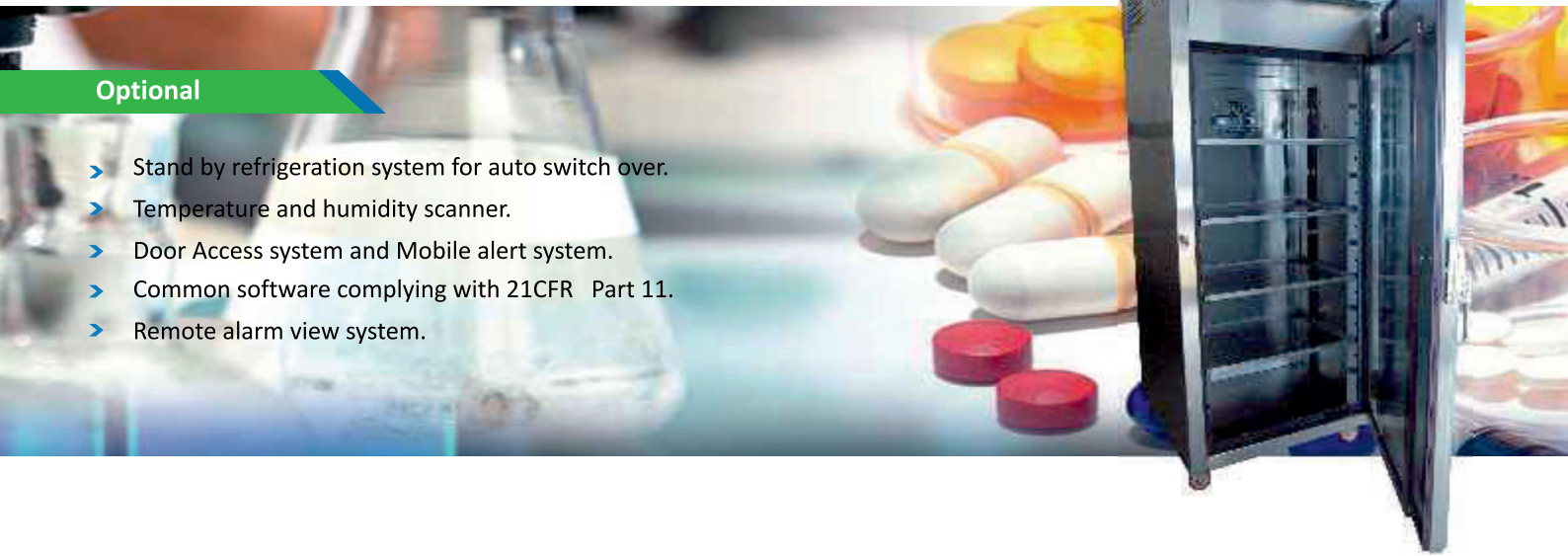


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HUMIDITY CHAMBERS (STABILITY CHAMBERS)

- Temperature Range : 20° C to 60° C Accuracy : ±0.2 °C Uniformity : ±1°C
- Humidity Range : 40% to 95% RH Accuracy : ±2% RH Uniformity : ±3% RH
 Test Suitable for 25° C & 40% RH, 40° C & NMT 25%RH, 30° C & 35% RH
- Construction : Chamber interior and exterior is fabricated in stainless steel (304) with PUF insulation
- Control System : PLC base control system with Ethernet communication
- Cooling system : CFC Free, the cooling system consists of hermetically sealed compressor coupled with evaporation coil and condenser. Refrigeration design uses less power saving operating cost.
- Heating System : High efficiency, long lasting stainless steel tubular heaters with stainless steel fins
- Humidity system : Humidity is generated by steam injection. Humidity system consists of boiler tank and reserve tank. Boiler tank contains two numbers of boiler heaters with auto switch over when the regular heater fails. A magnetic witch is for water low level safety cut off for boiler heater.
- Sensor : 4-20 mA temperature and humidity transmitter used for measuement. Temperature in degree Celsius and humidity in% RH with 0.1°C and 0.1% RH resolution.
- Safety : Temperature overshoots and undershoots .Humidity overshoot protection.
- Documentation : DQ, IQ, OQ and PQ documents will be provided.



Optional

- > Stand by refrigeration system for auto switch over.
- > Temperature and humidity scanner.
- > Door Access system and Mobile alert system.
- > Common software complying with 21CFR Part 11.
- > Remote alarm view system.

Exterior and interior made of stainless steel

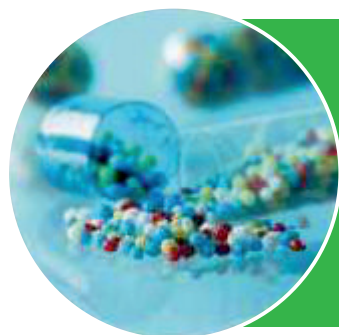
Selection Guide:

Capacity		Inner Chamber Dimension H x W x D (mm)	External Dimension H x W x D (mm)	Trays	Model
Cuft.	Liters				
8	200	600X600X600	1195X760X1045	2	APE/HC-8PS
12	325	900X600X600	1495X760X1045	3	APE/HC-12PS
14	430	1200X600X600	1795X760X1095	3	APE/HC-15PS
21	600	1200X700X700	1815X860X1195	4	APE/HC-22PS
28	800	1200x800x800	1815x960x1295	4	APE/HC-28PS
35	1000	1500x800x800	2115x960x1295	5	APE/HC-35PS

Exterior powder coated steel and interior made of stainless steel.

WALK IN HUMIDITY CHAMBER

- Temperature Range : 20° C to 50° C Accuracy: ±0.2° C Uniformity: ±1° C
- Humidity Range : 40% to 95% RH Accuracy: ±2% RH Uniformity :±3% RH
- Control System : PLC base control system with Ethernet communication
- Cooling system : CFC Free, the cooling system consists of hermetically sealed compressor coupled with evaporation coil and condenser.
- Heating System : Long lasting stainless steel tubular heaters with stainless steel fins
- Humidity system : Humidity is by steam injection. Humidity system consists of boiler tank and reserve tank. Boiler tank contains two of numbers boiler heaters with auto switch over when the regular heater fails. A magnetic switch is for water low level safety cut off for boiler heater.
- Sensor : Temperature and humidity transmitter 4-20mA used for measurement. Temperature in degree Celsius and humidity in% RH with 0.1°C and 0.1% RH resolution. .
- Safety : Temperature overshoots and undershoots .Humidity overshoot protection.
- Documentation : DQ, IQ, OQ and PQ documents will be provided.



- > Stand by refrigeration system for auto switch over.
- > Temperature and humidity scanner.
- > Door Access system and Mobile alert system.
- > Common software complying with 21CFR Part 11.
- > Remote alarm view system.



Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension H x W x D (mm)	External Dimension H x W x D (mm)	Trays	Tray Size In mm	Model
Cuft.	Liters					
200	5600	2000x1400x2000	2120x1520x2320	24	950x290	APE /WIHC-200PS
228	6400	2000x1600x2000	2120x1720x2320	32	950x390	APE /WIHC-228PS
286	8000	2000x2000x2000	2120x2120x2320	24	950x590	APE /WIHC-286PS
358	10000	2500x2000x2000	2620x2120x2320	32	950x590	APE /WIHC-358PS
446	12500	2500x2000x2500	2620x2120x2820	48	790x590	APE /WIHC-446PS
536	15000	2400x2500x2500	2520x2620x2820	48	790x840	APE /WIHC-536PS
642	18000	2400x2500x3000	2520x2620x3320	48	955x840	APE /WIHC-642PS
804	22500	2500x2600x3500	2620x3120x3320	56	830x890	APE /WIHC-804PS
1250	35000	2500x2500x5500	2620x2620x5820	96	875x850	APE /WIHC-1250PS
1785	50000	2800x4200x4300	2920x4320x4620	140	820x860	APE /WIHC-1780PS

Exterior Made of Mild steel with power coated and internal made of stainless steel.

N.B.: Custom build chambers also available.

WALK IN INCUBATOR

- Temperature Range : 10° C to 40° C Accuracy : ±0.5° C Uniformity : ±1° C
- Control System : PLC base control system with Ethernet communication
- Cooling system : CFC Free, the cooling system consists of hermetically sealed compressor coupled with evaporation coil and Condenser.
- Heating System : Long lasting stainless steel tubular heaters with stainless steel fins
- Sensor : Temperature transmitter 4-20mA used for measurement.
- Documentation : DQ, IQ, OQ and PQ documents will be provided.

Optional

- > Stand by refrigeration system for auto switch over.
- > Temperature scanner.
- > Door Access system and Mobile alert system.
- > Common software complying with 21CFR Part 11.
- > Remote alarm view system.



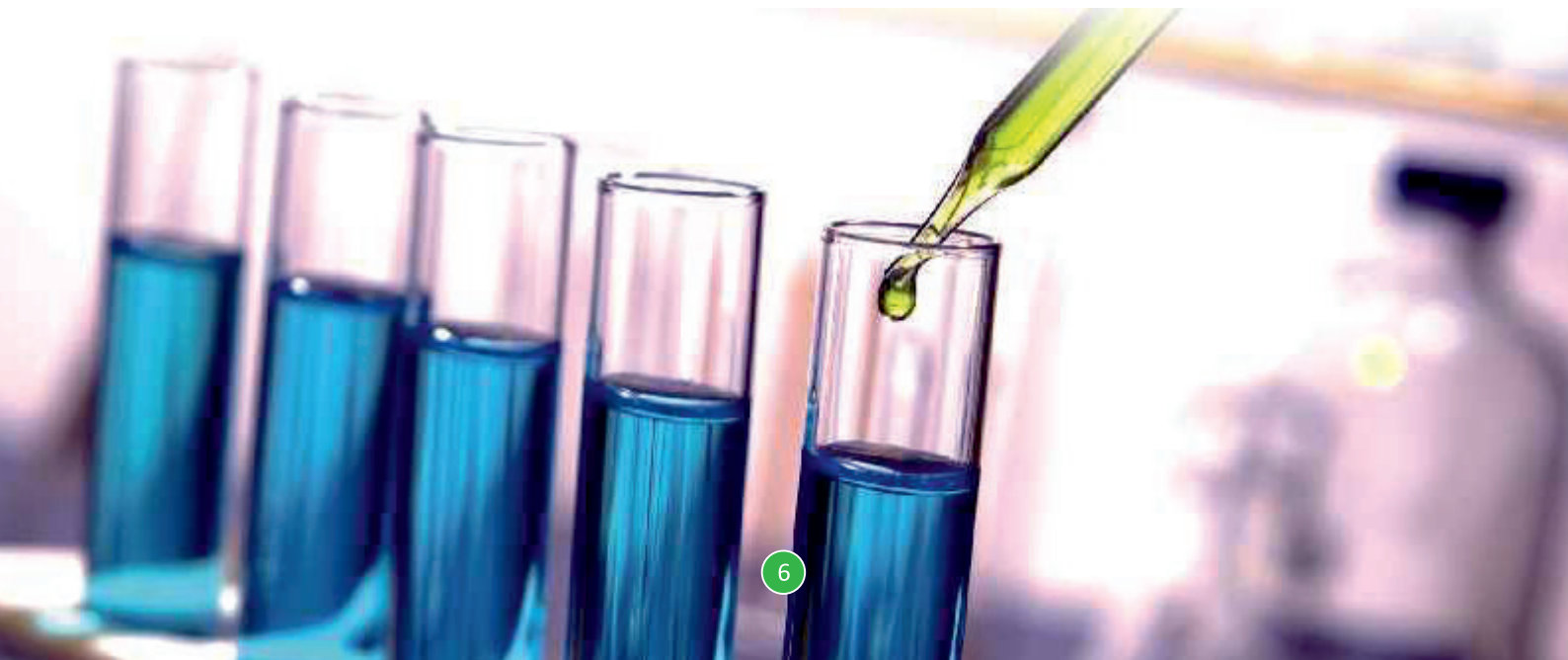
Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
228	6400	2000x1600x2000	2120x1720x2320	32	APE /WII-228PS
286	8000	2000x2000x2000	2120x2120x2320	24	APE /WII-286PS
358	10000	2500x2000x2000	2620x2120x2320	32	APE /WII-358PS
446	12500	2500x2000x2500	2620x2120x2820	32	APE /WII-446PS
536	15000	2400x2500x2500	2520x2620x2820	48	APE /WII-536PS
642	18000	2400x2500x3000	2520x2620x3320	48	APE /WII-642PS
804	22500	2500x3000x3000	2620x3120x3320	48	APE /WII-804PS

Exterior Made of Mild steel with power coated and internal made of stainless steel.

N.B.: Custom build chambers also available.



COOLING CHAMBERS

- Temperature Range : 2°C to 8°C Accuracy: ±0.5°C Uniformity: ±1°C
- Control System : PLC base control system with Ethernet communication
- Cooling system : CFC Free, the cooling system consists of hermetically sealed Compressor coupled with evaporation coil and condenser.
- Sensor : 4-20 mA temperature transmitter used for measurement.
- Safety : Temperature Undershoot protection
- Documentation : DQ, IQ, OQ and PQ documents will be provided.



Optional

- Stand by refrigeration system for auto switch over.
- Temperature scanner.
- Door Access system and Mobile alert system.
- Common software complying with 21CFR Part 11.
- Remote alarm view system.



Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
8	200	600X600X600	1150X760X1045	2	APE/CC-8PS
12	324	900X600X600	1450X760X1045	3	APE/CC-12PS
14	430	1200X600X600	1795X760X1095	3	APE/CC-14PS
21	600	1200X700X700	1795X860X1195	4	APE/CC-21PS
28	800	1200x800x800	1795x960x1295	4	APE/CC-28PS
35	1000	1500x800x800	2095x960x1295	5	APE/CC-35PS

Exterior Made of Mild steel with power coated and internal made of stainless steel.

WALK IN COOLING CHAMBER

- Temperature Range : 2°C to 8°C Accuracy: ±0.5°C Uniformity ±1°C
- Control System : PLC base control system with Ethernet communication
- Cooling system : CFC Free, the cooling system consists of hermetically sealed compressor coupled with evaporation coil and condenser.
- Sensor : Temperature transmitter 4-20 mA used for measurement.
- Safety : Temperature Undershoot protection
- Documentation : DQ, IQ, OQ and PQ documents will be provided.

Optional

- Stand by refrigeration system for auto switch over.
- Temperature scanner.
- Door Access system and Mobile alert system.
- Common software complying with 21CFR Part 11.
- Remote alarm view system.



Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
228	6400	2000x1600x2000	2120x1720x2320	32	APE/WICC-228PS
286	8000	2000x2000x2000	2120x2120x2320	24	APE/WICC-286PS
358	10000	2500x2000x2000	2620x2120x2320	32	APE/WICC-358PS
446	12500	2500x2000x2500	2620x2120x2820	32	APE/WICC-446PS
536	15000	2400x2500x2500	2520x2620x2820	48	APE/WICC-536PS
642	18000	2400x2500x3000	2520x2620x3320	48	APE/WICC-642PS
804	22500	2500x3000x3000	2620x3120x3320	48	APE/WICC-804PS

Exterior Made of Mild steel with power coated and internal made of stainless steel.

N.B.: Custom build chambers also available.

BOD INCUBATOR

- Temperature Range : 10° C to 60° C Accuracy : ±0.5°C Uniformity : ±1°C
- Control System : PLC base control system with Ethernet communication
- Cooling system : CFC Free, the cooling system consists of hermetically sealed compressor coupled with evaporation coil and condenser.
- Heating System : Long lasting stainless steel tubular heaters with stainless steel fins
- Safety : Temperature Overshoot and undershoot protection
- Documentation : DQ, IQ, OQ and PQ documents will be provided.



Optional

- > Stand by refrigeration system.
- > Temperature scanner.
- > Door Access system and Mobile alert system.
- > Common software complying with 21CFR Part 11.
- > Remote alarm view system.

Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
8	200	600X600X600	1150X760X1045	2	APE/BOD-8PS
12	325	900X600X600	1450X760X1045	3	APE/BOD-12PS
14	430	1200X600X600	1795X760X1095	3	APE/BOD-15PS
21	600	1200X700X700	1795X860X1195	4	APE/BOD-22PS
28	800	1200X800X800	1795x960x1295	4	APE/BOD-28PS
35	1000	1500X800X800	2095x960x1295	5	APE/BOD-35PS

Exterior Made of Mild steel with power coated and internal made of stainless steel.

SCIENTIFIC REFRIGERATOR

Temperature Range

(Upper Chamber) : -20° C to 0° C Accuracy : ±3.0° C Uniformity : ±3° C

Temperature Range

(Lower Chamber) : 2° C to 8° C Accuracy : ±0.5° C Uniformity : ±1° C

Control System : PLC base control system with Ethernet communication

Cooling system : CFC Free, the cooling system consists of hermetically sealed Compressor coupled with evaporation coil and condenser.

Sensor : 4-20 mA temperature transmitter used for measurement.

Safety : Temperature Undershoot protection

Documentation : DQ, IQ, OQ and PQ documents will be provided.

**Optional**

- Temperature scanner.
- Door Access system
- Mobile alert system.
- Common software complying with 21CFR Part 11.
- Remote alarm view system.

Exterior and interior made of stainless steel**Selection Guide:**

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
1 1	U-75	300X500X500	1945X660X925	1	APE /SR(DC)-11PS
	L-225	900X500X500		3	
1 2	U-125	500X500X500	2095X660X925	1	APE /SR(DC)-12PS
	L-225	900X500X500		3	

Exterior Made of Mild steel with power coated and internal made of stainless steel.

PHOTO STABILITY CHAMBERS

- Temperature Range : 10° C to 60° C
- Control System : PLC base control system with Ethernet communication
- Cooling system : CFC Free refrigeration system, the cooling system consists of hermetically sealed compressor coupled with evaporation coil and Condenser.
- Heating System : Long lasting stainless steel tubular heaters with stainless steel fins
- Sensor : Temperature transmitter 4-20mA used for measurement.
- Documentation : DQ, IQ, OQ and PQ documents will be provided.

Optional

- > Temperature scanner.
- > Mobile alert system.
- > Common software complying with 21CFR Part 11.
- > Remote alarm view system.

Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
8	220	600X63X600	1195X790X1055	1	APE/PSC-8PS

Exterior Made of Mild steel with power coated and internal made of stainless steel.

DEEP FREEZERS

- Temperature Range : -20° C to 0° C Accuracy: ±3.0° C Uniformity: ±3° C
- Control System : PLC base control system with Ethernet communication.
- Cooling system : CFC Free, the cooling system consists of hermetically sealed compressor coupled with evaporation coil and Condenser.
- Sensor : 4 - 20mA temperature transmitter used for measurement
- Documentation : DQ, IQ, QQ and PQ documents will be provided.



Optional

- > Temperature scanner.
- > Door Access system
- > Mobile alert system.
- > Common software complying with 21CFR Part 11.
- > Remote alarm view system.

Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
4	100	450X450X450	975X610X780	1	APE/DF-3PS
8	220	600X600X600	1150X760X1045	2	APE/DF-8PS
12	325	900X600X600	1450X760X1045	3	APE/DF-12PS

Exterior Made of Mild steel with power coated and internal made of stainless steel.

DUAL CHAMBER (DUAL INCUBATOR)

Temperature Range

(Upper Chamber) : 10° C to 60° C Accuracy: ±0.5° C Uniformity: ±1° C

Temperature Range

(Lower Chamber) : 10° C to 60° C Accuracy: ±0.5° C Uniformity: ±1° C

Control System : PLC base control system with Ethernet communication

Cooling system : CFC Free, the cooling system consists of hermetically sealed Compressor coupled with evaporation coil and condenser.

Sensor : 4-20 mA temperature transmitter used for measurement.

Safety : Temperature Undershoot protection

Documentation : DQ, IQ, OQ and PQ documents will be provided.



Optional

- > Temperature scanner.
- > Door Access system
- > Mobile alert system.
- > Common software complying with 21CFR Part 11.
- > Remote alarm view system.

Exterior and interior made of stainless steel

Selection Guide:

Capacity		Inner Chamber Dimension	External Dimension	Trays	Model
Cuft.	Liters	H x W x D (mm)	H x W x D (mm)		
14	U-200	600X600X600	1860X760X895	2	APE/ DC - 16PS
	L-200	600X600X600		2	
22	U-300	600X700X700	1860X860X995	3	APE/ DC - 22PS
	L-300	600X700X700		3	

Exterior Made of Mild steel with power coated and internal made of stainless steel.



Optimize your technology
components with
our top experts



- Well equipped factory & service centre <
- Remote service system <
- Well Experienced qualified sales & service team <
- Pre Requisition List for equipment installation <
- Well explained equipment manual <
- User friendly online monitoring system <
- User friendly software operation system <
- Well explained documentation (DQ, IQ, OQ & PQ) <
- Standard hardware globally available <
- Annual Maintenance contract (AMC) <

Aerotech Pharma Equipment

No G001, Sai Priya Residency, 1st Cross, 3rd Main, 🏠
Sai Enclave, JP Nagar 8th Phase, Bangalore - 560 076.

+ 91 90083 62537 📞

equipmentaerotech@gmail.com ✉