ΑΔΕ

Audita Advance Equipment

OFFICE:

Plot No. C-12, Sahaj Greens, Nr. Shree Hri Vilas,
b/h Soham Sanidhya, Ramol, Ahmedabad-382449

📞 +91 93709 65719 | +91 89809 65719

✈ auditaadvanceequipment@gmail.com

🌐 auditaadvanceequipment.com

ΑΔΕ

Audita Advance Equipment

MFG. OF PHARMACEUTICAL & SCIENTIFIC EQUIPMENT

Who We Are ?

"Our expertise in manufacturing high-quality pharmaceuticals & scientific equipments .Qualitative team of experienced engineers. We assure the product is manufactured as per its specifications with proper quality.

We believe in fulfilling customer requirements day by day , enhancing the way to perfection. We Promise to deliver on time and take care of the equipments afterwards."

Our Vision

To be the most successful and respected industrial specialist scientific equipment manufacturing company in the world.

Our Mission

Partner actively with our customers to provide innovative and sustainable technical solutions to help them increase productivity and achieve their goals.

ABHISHEK BHUYAN
Director

Production & Facilities

German Made Fully Automatic Turret Punching Machine for Better Accuracy of Equipment

In-house testing of Components

Highly Experienced team for testing and Manufacturing

Fully tested PLC HMI based Controlling System and Software

Cost Effective Equipment

Timely Delivery Schedules and after Sales Service

List Of Products

Stability Chamber

Temperature Range: 20°C to 60°C   Humidity Range: 40%RH to 90%RH

- Capacity: 150,250,400 up to 1000Ltrs
- Temperature Range:20°C to 60°C
- Temperature Accuracy: ±0.2°C
- Humidity Range: 40%RH to 90%RH
- Humidity Accuracy: ±2%RH
- Designed as Per GMP
- MOC SS 304 Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Micro Controller Program based Equipment Available

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Tray Qty.	Tray Size in mm	Connected Load
AAE/SC-15	150	500Wx400Dx750H	625Wx1050Dx1350H	2	405Wx400Dx30H	2.25KW
AAE/SC-25	250	700Wx400Dx900H	825Wx1050Dx1500H	2	605Wx400Dx30H	2.25KW
AAE/SC-40	400	700Wx500Dx1150H	825Wx1150Dx1750H	3	605Wx500Dx30H	2.25KW
AAE/SC-50	500	700Wx600Dx1200H	825Wx1250Dx1800H	3	605Wx600Dx30H	2.25KW
AAE/SC-60	600	700Wx600Dx1450H	825Wx1250Dx2050H	3	605Wx600Dx30H	2.25KW
AAE/SC-80	800	700Wx800Dx1450H	825Wx1450Dx2050H	4	605Wx800Dx30H	2.5KW
AAE/SC-100	1000	830Wx830Dx1450H	955Wx1480Dx2050H	4	735Wx830Dx30H	2.5KW

Cold Chamber

Temperature Range: 2°C to 8°C

- Capacity: 150,250,400 up to 1000Ltrs
- Temperature Range: 2°C to 8°C
- Temperature Accuracy: ±0.5°C
- Designed as Per GMP
- MOC SS 304
- Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Micro Controller Program based Equipment Available

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Tray Qty.	Tray Size in mm	Connected Load
AAE/CC-15	150	500Wx400Dx750H	625Wx860Dx1350H	2	405Wx400Dx30H	0.75KW
AAE/CC-25	250	700Wx400Dx900H	825Wx860Dx1500H	2	605Wx400Dx30H	0.75KW
AAE/CC-40	400	700Wx500Dx1150H	825Wx960Dx1750H	3	605Wx500Dx30H	0.75KW
AAE/CC-50	500	700Wx600Dx1200H	825Wx1060Dx1800H	3	605Wx600Dx30H	0.75KW
AAE/CC-60	600	700Wx600Dx1450H	825Wx1060Dx2050H	3	605Wx600Dx30H	0.75KW
AAE/CC-80	800	700Wx800Dx1450H	825Wx1260Dx2050H	4	605Wx800Dx30H	1KW
AAE/CC-100	1000	830Wx830Dx1450H	955Wx1290Dx2050H	4	735Wx830Dx30H	1KW

Deep Freezer

Temperature Range: -20°C

- Capacity: 150,250,400 up to 800Ltrs
- Temperature Range: -20°C
- Temperature Accuracy: ±2°C
- Designed as Per GMP
- MOC SS 304
- Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Micro Controller Program based Equipment Available

Model Selection Table:

Models	Cap. in Liters	Internal Size in mm	External Size in mm	Tray Qty.	Tray Size in mm	Connected Load
AAE/DF-15	150	520Wx500Dx600H	725Wx825Dx1285H	2	440Wx500Dx30H	0.75KW
AAE/DF-25	250	520Wx600Dx800H	725Wx925Dx1485H	2	440Wx600Dx30H	0.75KW
AAE/DF-40	400	620Wx650Dx1000H	825Wx975Dx1735H	3	540Wx650Dx30H	1KW
AAE/DF-50	500	620Wx650Dx1250H	825Wx975Dx1985H	3	540Wx650Dx30H	1KW
AAE/DF-60	600	720Wx575Dx1450H	925Wx900Dx2235H	4	640Wx575Dx30H	2.5KW
AAE/DF-80	800	720Wx775Dx1450H	925Wx1100Dx2235H	4	640Wx775Dx30H	2.5KW

Photo Stability Chamber

Temperature Range: 20°C to 60°C   Humidity Range: 40%RH to 90%RH

- Capacity: 200,400 up to 1000Ltrs
- Temperature Range: 20°C to 60°C
- Temperature Accuracy: ±0.2°C
- Humidity Range: 40%RH to 90%RH
- Humidity Accuracy: ±2%RH
- UV Exposure 200 Wh/m² as required(Settable)
- LUX Exposure 1.2 Million as Required(Settable)
- Designed as Per GMP
- MOC SS 304 Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**

PHOTO STABILITY

Model Selection Table:

Models	Cap. in Liters	Internal Size in mm	External Size in mm	Tray Qty.	Tray Size in mm	Connected Load
AAE/PSC-20	200	700Wx500Dx600H	915Wx1155Dx1670H	2	605Wx500Dx30H	3.4KW

Plant Growth Chamber

Temperature Range: 20°C to 60°C   Humidity Range: 40%RH to 90%RH

- Capacity: 150,250,400 up to 1000Ltrs
- Temperature Range: 20°C to 60°C
- Temperature Accuracy: ±0.2°C
- Humidity Range: 40%RH to 90%RH
- Humidity Accuracy: ±2%RH
- LUX Exposure as Required(Settable)
- Designed as Per GMP
- MOC SS 304 Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**

Seed Germinator

Temperature Range: 20°C to 60°C   Humidity Range: 40%RH to 90%RH

- Capacity: 150,250,400 up to 1000Ltrs
- Temperature Range: 20°C to 60°C
- Temperature Accuracy: ±0.2°C
- Humidity Range: 40%RH to 95%RH
- Humidity Accuracy: ±2%RH
- LUX Exposure as Required(Settable)
- Designed as Per GMP
- MOC SS 304 Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**

Bacteriological Incubator

Temperature Range: 5°C above ambient to 60°C

- Capacity: 150,250,400 up to 1000Ltrs
- Temperature Range: 5°C above ambient to 60°C
- Temperature Accuracy: ±0.5°C
- Designed as Per GMP
- MOC SS 304
- Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Micro Controller Program based Equipment Available

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Tray Qty.	Tray Size in mm	Connected Load
AAE/BI-15	150	500Wx400Dx750H	625Wx860Dx1350H	2	405Wx400Dx30H	0.75KW
AAE/BI-25	250	700Wx400Dx900H	825Wx860Dx1500H	2	605Wx400Dx30H	0.75KW
AAE/BI-40	400	700Wx500Dx1150H	825Wx960Dx1750H	3	605Wx500Dx30H	0.75KW
AAE/BI-50	500	700Wx600Dx1200H	825Wx1060Dx1800H	3	605Wx600Dx30H	0.75KW
AAE/BI-60	600	700Wx600Dx1450H	825Wx1060Dx2050H	3	605Wx600Dx30H	0.75KW
AAE/BI-80	800	700Wx800Dx1450H	825Wx1260Dx2050H	4	605Wx800Dx30H	1KW
AAE/BI-100	1000	830Wx830Dx1450H	955Wx1290Dx2050H	4	735Wx830Dx30H	1KW

Cooling Incubator

Temperature Range: 5°C to 60°C

- Capacity: 150,250,400 up to 1000Ltrs
- Temperature Range: 5°C to 60°C
- Temperature Accuracy: ±0.5°C
- Designed as Per GMP
- MOC SS 304
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Micro Controller Program based Equipment Available

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Tray Qty.	Tray Size in mm	Connected Load
AAE/CI-15	150	500Wx400Dx750H	625Wx860Dx1350H	2	405Wx400Dx30H	1.25KW
AAE/CI-25	250	700Wx400Dx900H	825Wx860Dx1500H	2	605Wx400Dx30H	1.25KW
AAE/CI-40	400	700Wx500Dx1150H	825Wx960Dx1750H	3	605Wx500Dx30H	1.25KW
AAE/CI-50	500	700Wx600Dx1200H	825Wx1060Dx1800H	3	605Wx600Dx30H	1.25KW
AAE/CI-60	600	700Wx600Dx1450H	825Wx1060Dx2050H	3	605Wx600Dx30H	1.25KW
AAE/CI-80	800	700Wx800Dx1450H	825Wx1260Dx2050H	4	605Wx800Dx30H	1.5KW
AAE/CI-100	1000	830Wx830Dx1450H	955Wx1290Dx2050H	4	735Wx830Dx30H	1.5KW

Oven

Temperature Range: 50°C above ambient to 300°C

- Capacity: 100,200,300 up to 500Ltrs
- Temperature Range: 50°C above ambient to 300°C
- Designed as Per GMP
- MOC SS 304
- Adjustable SS Tray
- Audio Visual Alarm
- Micro Controller Based Program

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Tray Qty.	Tray Size in mm	Connected Load
AAE/OV-10	100	450Wx450Dx500H	655Wx1020Dx1070H	2	360Wx450Dx30H	1.75KW
AAE/OV-20	200	600Wx600Dx600H	805Wx1170Dx1170H	3	510Wx600Dx30H	2.75KW
AAE/OV-40	400	600Wx700Dx950H	805Wx1270Dx1520H	3	510Wx700Dx30H	4.75KW

Vacuum Oven

Temperature Range: 10°C above to 200°C

- Capacity: 12''×12''×12'',20''×20''×21''
- Temperature Range : 10°C above to 200°C
- Designed as Per GMP
- MOC SS 304
- Adjustable SS Tray
- Audio Visual Alarm
- Micro Controller Based Program

Model Selection Table:

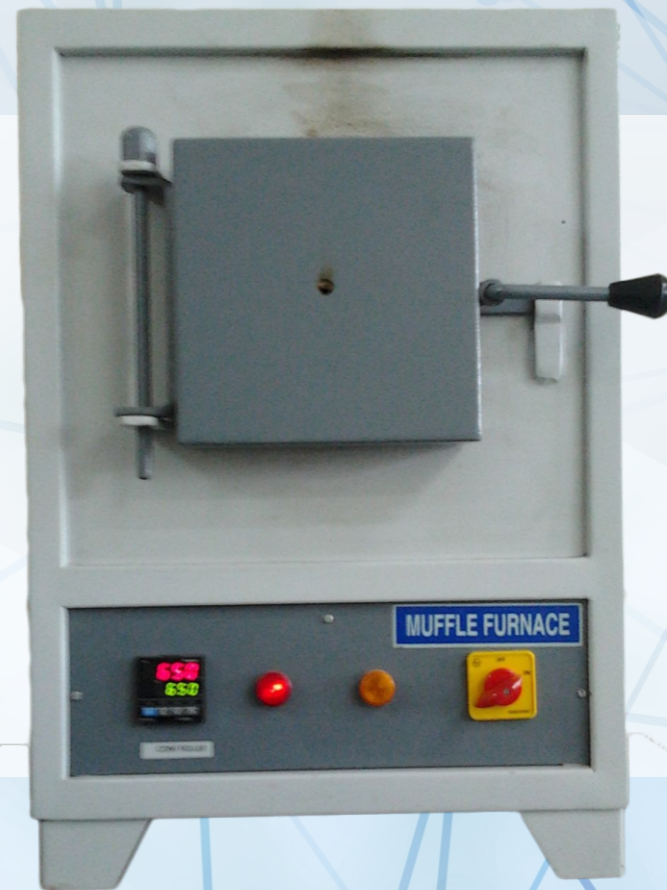| Models	Cap. in Litres	Internal Size in mm	Tray Qty.	Connected Load
AAE/VO	12	225Diax300D	2	2KW
AAE/VO	21	300Diax300D	2	2KW

Muffle Furnace

Temperature Range: 400°C to 1100°C

- Capacity: 9''×4''×4'',10''×5''×5''
  12''×6''×6'', 12''×8''×8'', 18''×9''×9''
- Temperature Range: 400°C to 1100°C
- Designed as Per GMP
- MOC SS 304 / MS Powder Coated
- SS Tray
- Audio Visual Alarm

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	Connected Load
AAE/MF	6.75	150Wx300Dx150H	4KW

WalK~IN Chambers

Walk-In Stability Chamber

Temperature Range: 20°C to 60°C   Humidity Range: 40%RH to 90%RH

- Capacity: 4000,5000 up to 50000Ltrs
- Temperature Range: 20°C to 60°C
- Temperature Accuracy: ±0.2°C
- Humidity Range: 40%RH to 90%RH
- Humidity Accuracy: ±2%RH
- Designed as Per GMP
- MOC SS 304
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Panel Insulation 80 mm

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Rack Qty.	Tray Qty.	Tray Size in mm	Connected Load
AAE/WSC-400	4000	2000Wx1000Dx2000H	2160Wx1630Dx2200H	2	10	730Wx625Dx30H	4.0KW
AAE/WSC-600	6000	2000Wx1500Dx2000H	2160Wx2130Dx2200H	4	20	600Wx625Dx30H	4.25KW
AAE/WSC-800	8000	2000Wx2000Dx2000H	2160Wx2630Dx2200H	4	20	850Wx625Dx30H	4.25KW
AAE/WSC-1000	10000	2000Wx2500Dx2000H	2160Wx3130Dx2200H	6	30	720Wx625Dx30H	4.25KW
AAE/WSC-1200	12000	2000Wx3000Dx2000H	2160Wx3630Dx2200H	6	30	885Wx625Dx30H	4.25KW
AAE/WSC-1600	16000	2000Wx4000Dx2000H	2160Wx4630Dx2200H	8	40	905Wx625Dx30H	5.5KW
AAE/WSC-2000	20000	2000Wx4000Dx2500H	2160Wx4630Dx2700H	8	48	905Wx625Dx30H	6.0KW
AAE/WSC-2500	25000	2300Wx4500Dx2500H	2460Wx5130Dx2700H	10	60	815Wx750Dx30H	6.0KW
AAE/WSC-3000	30000	4000Wx3000Dx2500H	4160Wx3630Dx2700H	12	72	885Wx625Dx30H	9.0KW
AAE/WSC-4000	40000	4000Wx4000Dx2500H	4160Wx4630Dx2700H	16	96	905Wx625Dx30H	9.0KW
AAE/WSC-5000	50000	4500Wx4500Dx2500H	4660Wx5130Dx2700H	20	120	815Wx725Dx30H	12.75KW

Walk-In Cold Chamber

Temperature Range: 2°C to 8°C

- Capacity: 4000,5000 up to 50000Ltrs
- Temperature Range: 2°C to 8°C
- Temperature Accuracy: ±1°C
- Designed as Per GMP
- MOC SS 304
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Panel Insulation 80 mm

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Rack Qty.	Tray Qty.	Tray Size in mm	Connected Load
AAE/WCC-400	4000	2000Wx1000Dx2000H	2160Wx1490Dx2200H	2	10	730Wx625Dx30H	2.05KW
AAE/WCC-600	6000	2000Wx1500Dx2000H	2160Wx1990Dx2200H	4	20	600Wx625Dx30H	2.05KW
AAE/WCC-800	8000	2000Wx2000Dx2000H	2160Wx2490Dx2200H	4	20	850Wx625Dx30H	2.75KW
AAE/WCC-1000	10000	2000Wx2500Dx2000H	2160Wx2990Dx2200H	6	30	720Wx625Dx30H	2.75KW
AAE/WCC-1200	12000	2000Wx3000Dx2000H	2160Wx3490Dx2200H	6	30	885Wx625Dx30H	3.75KW
AAE/WCC-1600	16000	2000Wx4000Dx2000H	2160Wx4490Dx2200H	8	40	905Wx625Dx30H	4.95KW
AAE/WCC-2000	20000	2000Wx4000Dx2500H	2160Wx4490Dx2700H	8	48	905Wx625Dx30H	5.95KW
AAE/WCC-2500	25000	2300Wx4500Dx2500H	2460Wx4990Dx2700H	10	60	815Wx750Dx30H	5.95KW
AAE/WCC-3000	30000	4000Wx3000Dx2500H	4160Wx3490Dx2700H	12	72	885Wx625Dx30H	6.75KW
AAE/WCC-4000	40000	4000Wx4000Dx2500H	4160Wx4490Dx2700H	16	96	905Wx625Dx30H	6.75KW
AAE/WCC-5000	50000	4500Wx4500Dx2500H	4660Wx4990Dx2700H	20	120	815Wx725Dx30H	6.75KW

Walk-In Bacteriological Incubator

Temperature Range: 5°C above ambient to 60 °CRH

- Capacity: 4000,5000 up to 50000Ltrs
- Temperature Range: 5°C above ambient to 60 °C
- Temperature Accuracy: ±0.5°C
- Designed as Per GMP
- MOC SS 304
- Adjustable SS Tray
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Panel Insulation 80 mm

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Rack Qty.	Tray Qty.	Tray Size in mm	Connected Load
AAE/WBI-400	4000	2000Wx1000Dx2000H	2160Wx1630Dx2200H	2	10	730Wx625Dx30H	2.5KW
AAE/WBI-600	6000	2000Wx1500Dx2000H	2160Wx2130Dx2200H	4	20	600Wx625Dx30H	2.75KW
AAE/WBI-800	8000	2000Wx2000Dx2000H	2160Wx2630Dx2200H	4	20	850Wx625Dx30H	2.75KW
AAE/WBI-1000	10000	2000Wx2500Dx2000H	2160Wx3130Dx2200H	6	30	720Wx625Dx30H	2.75KW
AAE/WBI-1200	12000	2000Wx3000Dx2000H	2160Wx3630Dx2200H	6	30	885Wx625Dx30H	2.75KW
AAE/WBI-1600	16000	2000Wx4000Dx2000H	2160Wx4630Dx2200H	8	40	905Wx625Dx30H	3.5KW
AAE/WBI-2000	20000	2000Wx4000Dx2500H	2160Wx4630Dx2700H	8	48	905Wx625Dx30H	4.0KW
AAE/WBI-2500	25000	2300Wx4500Dx2500H	2460Wx5130Dx2700H	10	60	815Wx750Dx30H	4.0KW
AAE/WBI-3000	30000	4000Wx3000Dx2500H	4160Wx3630Dx2700H	12	72	885Wx625Dx30H	5.0KW
AAE/WBI-4000	40000	4000Wx4000Dx2500H	4160Wx4630Dx2700H	16	96	905Wx625Dx30H	5.0KW
AAE/WBI-5000	50000	4500Wx4500Dx2500H	4660Wx5130Dx2700H	20	120	815Wx725Dx30H	6.75KW

Walk-In Cooling Incubator

Temperature Range: 5°C to 60°C

- Capacity: 4000,5000 up to 50000Ltrs
- Temperature Range: 5°C to 60°C
- Temperature Accuracy: ±0.5°C
- Designed as Per GMP
- MOC SS 304
- Audio Visual Alarm
- Programmable Logic Controlling System
- PLC HMI based 21 CFR part 11 Compliance Software
- **21 Days Offline Data Storage facility on HMI**
- Panel Insulation 80 mm

Model Selection Table:

Models	Cap. in Litres	Internal Size in mm	External Size in mm	Rack Qty.	Tray Qty.	Tray Size in mm	Connected Load
AAE/WCI-400	4000	2000Wx1000Dx2000H	2160Wx1630Dx2200H	2	10	730Wx625Dx30H	2.5KW
AAE/WCI-600	6000	2000Wx1500Dx2000H	2160Wx2130Dx2200H	4	20	600Wx625Dx30H	2.75KW
AAE/WCI-800	8000	2000Wx2000Dx2000H	2160Wx2630Dx2200H	4	20	850Wx625Dx30H	2.75KW
AAE/WCI-1000	10000	2000Wx2500Dx2000H	2160Wx3130Dx2200H	6	30	720Wx625Dx30H	2.75KW
AAE/WCI-1200	12000	2000Wx3000Dx2000H	2160Wx3630Dx2200H	6	30	885Wx625Dx30H	2.75KW
AAE/WCI-1600	16000	2000Wx4000Dx2000H	2160Wx4630Dx2200H	8	40	905Wx625Dx30H	3.5KW
AAE/WCI-2000	20000	2000Wx4000Dx2500H	2160Wx4630Dx2700H	8	48	905Wx625Dx30H	4.0KW
AAE/WCI-2500	25000	2300Wx4500Dx2500H	2460Wx5130Dx2700H	10	60	815Wx750Dx30H	4.0KW
AAE/WCI-3000	30000	4000Wx3000Dx2500H	4160Wx3630Dx2700H	12	72	885Wx625Dx30H	5.0KW
AAE/WCI-4000	40000	4000Wx4000Dx2500H	4160Wx4630Dx2700H	16	96	905Wx625Dx30H	5.0KW
AAE/WCI-5000	50000	4500Wx4500Dx2500H	4660Wx5130Dx2700H	20	120	815Wx725Dx30H	6.75KW

Laminar Air Flow

- Size: 2'×2'×2';3'×2'×2',4'×2'×2';6'×2'×2'
- Class: 100
- Particle Retention:0.3 Micron
- Velocity:90'/minute ± 2
- Noise level 65db ± 5
- Efficiency 99.97%

Technical Specification

- Air Cleanliness: ISO Class 5 / Class100 / M 3.5 Area
- Air Velocities: 0.45±0.05 MPS (90±20FPM)
- Air Flow: Horizontal / Vertical
- Power Supply: 230V AC, 1-Ø, 50Hz
- Eu5 - Intermediate Filter (95% down to 5 micron)
- Eu14 - HEPA filter - (99.999% down to 0.3 micron)
- Statically & Dynamically balanced motor - blower with isolate to reduce noise level
- Fluorescent lights with milky white diffuser
- Different Pressure gauge: 01 no. (hepa filter0 on/off switches (BL/FL/UV)
- Auxiliary powder socket: 5/15amp to external equipment DOP port
- DQ,IQ,OQ,PQ Documentation

Biosafety Cabinet

- Air Cleanliness: ISO Class 5 / Class 100 / M 3.5 Area
- Air Velocities: 0.45±0.05 MPS (90±20 FPM)
- Air Flow: Vertical
- Power Supply: 23OV AC, 1-Ø, 50Hz
- MOC: SS-304 / SS-316
- Sash (Shutter: Vertical rising of vertical opening
- Eu7 - Intermediate Filter (95% down to 3 micron)
- Eu14 - HEPA filter - supply / exhaust
  (99.999% down to 0.3 micron)
- Fluorescent Light with milky diffuser
- Fluorescent lights with milky white diffuser
- Differential Pressure Gauges: 02 Nos. (HEPA & Pre-Filter)
- ON/OFF Switches (BL/FL)
- DOP Port

Biosafety Cabinet Class IIA2

- Size :2'×2'×2',3'×2'×2',4'×2'×2';6'×2'×2'
- Micro Controller base Program
- LCD Display
- Class 100
- 70% recirculation and 30% exhaust

Biosafety Cabinet Class IIB2

- Size: 2'×2'×2';3'×2'×2',4'×2'×2';6'×2'×2'
- Class: 100
- Particle Retention:0.3 Micron
- Velocity:90'/minute ± 2
- Noise level 65db ± 5
- Efficiency 99.97%

Pass Box

Dynamic/Static

Technical Specification

- Air Cleanliness: ISO Class 5 / Class 100
- Velocities: 0.45±0.5 MPS (90±20 FPM)
- Power Supply: 23OV AC, 1-Ø, 50Hz
- MOC: SS-304 / SS-316 / Combination
- Fluorescent Lights(Interlocked with door)
- Fluorescent lights with milky white diffuser
- UV light (interlocked with door)
- differential pressure gauge: 01 no (HEPA Filter)
- Door opening with sold state electronic inter locking mechanism

Airshower Unit

- Air Cleanliness: ISO Class 5 / Class 100
- Air Velocities: 25±5 MPS (4000±1000 FPM)
- Air Flow: Horizontal / Vertical
- Noise Level: Minimum
- Vibration Level: Minimum
- Power Supply: 44OV AC, 3-Ø, 50Hz
- MOC: GI powder coated / SS-304 / SS-316 / Combination
- Eu5: fresh air filter (95% down to 5 micron)
- Eu14: HEPA filter- supply (99.999% down to 0.3 micron)
- DQ, IQ, OQ, PQ Documentation

Dispensing Booth

Technical Specification

- Air Cleanliness: ISO Class 5 / Class 100 / M 3.5 Area
- Area Air Velocities: 0.45±0.05 MPS (90±20 FPM)
- Air Flow: Vertical
- Noise Level: Less than 65db
- Vibration Level: Minimum
- Power Supply: 23OV AC, 1-Ø, 50Hz
- MOC: SS-304 /SS-316
- Inside: Side panel with all three side with coving
- Three stage filtration
- Eu4-pre filter (90% vdown to 10 micron
- Eu7- intermediate filter (95% down to 0.3 micron)
- EU14-HEPA filter- (99.999% down to 0.3 micron)
- Differential pressure gauge: 02 No
- ON/OFF switches on front facia (BL /FL / UV)
- DOP Port
- DQ, IQ, OQ, PQ Documentation

PLC Based Features

Instruments Type

Heating Products | **Cooling Products** | **Stability Products**

Salient Features

- PLC & HMI Touch Controller
- PID Precise Control Action
- Data, Alarm, User Logging
- SMS / Email Alert System
- 21 CFR Software
- Non Editable PDF Reports
- Printer Interface
- Remote Monitoring IOT
- Scanner 4/8/16/24 Channel
- Resolution 0.1°c & 0.1%
- Accuracy 0.1°C & 0.5%
- Uniformity 0.5°C & 1-2%

Safety

- Compressor Standby + Auto-changeover
- Humidity Heater Standby
- RH Limits Alert

Optional

- SMS Alert
- Email Alert
- Remote Access
- IOT

Display

Serial

Serial

Printer

PLC

Serial

LAN RJ45 Ethernet

Analog Sensors

---

21 CFR Complice Software

21 CFR Part 11 Complice Software :

- Software developed based on 21 CFR Part 11 Compliance

- Reports Includes: Temperature & Rh master data & Scanner Data Report, Graph Reports, Machine Alarm Reports, Machine Audit Reports, Software Audit Reports, MKT Reports in Non Editable Pdf Format

- Electronic Signature

- Password Complexity & Expiry, and Block User if more than 3 wrong password attempts

- Connectivity: Ethernet LAN Cable, can be connected to any PC to Machine within same Network

- User Management, access based on Level

- Offline Record can stored upto 1 lakh records, and Downloads within 1 mins

- Multiple Chamber Connectivity Option

Data Logging :

- Temperature & RH data record are stored in Memory with Date & Time Stamp.
- Upto 2 Lakh Record can be saved in Internal Memory respectively.
- Scanner Data will also be recorded if Scanner is available.

Alarm Logging :

- Temperature & RH data record are stored in Memory with Date & Time Stamp.
- Upto 2 Lakh Record can be saved in Internal Memory respectively.
- Scanner Data will also be recorded if Scanner is available.

Audit Logging :

- User Operation will be recorded & stored in Memory with Date & Time Stamp.
- Upto 1 Lakh Record can be saved in Internal Memory respectively.

Printer :

- If Printer is Connected, Direct Online Data

- Our Software comply the 21 CFR Part 11 guidelines set by the FDA (Food and Drug Administration), mainly Recoding Electronic Record and Signature which are considered Equivalent to Paper Records and Handwritten Signatures.
- Our Software is an Advance PLC HMI base Software
- Our Software is designed to Control and Monitor Parameters of the Equipments Provided by Our Software ADVANCE EQUIPMENT.
- Our Software is designed to Monitor Parameters of the Equipments from any PC within the Server of the Pharmaceutical or Scientific Organization assigned by the Organization.
- Our Software has the following function
- One Software connects multiple equipment of different Departments irrespective of Equipment's locations.
- High Speed Ethernet Connectivity
- User friendly UI.
- Multiple User Group Creation.
- Multiple User Creation assigned with specific user group.
- User Login, Logout with Correct User ID and password.
- Password Protection Alphanumeric Password.
- User Lockout on Multiple wrong attempts.
- Password Length Settable.
- History of Login Logout Of user.
- Equipment Master Sensor TEMPERATURE and HUMIDITY Data Report.
- Equipment Scanner Sensor TEMPERATURE and HUMIDITY Data Report.
- MKT Report.
- MKRH Report.
- Alarm Report.
- Event Report
- SMS and Email for Alarm and Events.
- BIOMETRIC Access.
- Audit Trail Report for User Login Logout.
- Audit Trail Report for Equipment all activity Performed.
- Audit Trail Software User-wise or Equipment-wise or for all irrespective of User and Equipment.
- Header of the Reports with Customer Company Name, LOGO, Set Values, Set Values Limits, Time Stamp of Report Creation, Verification.
- and more