



“we are trusted expert”

LAB Equipment's, Analytical Equipment's, Process Equipment's

Manufacturer of Reach in Chamber, Walk in Chambers

Manufacturer of Process Equipment's, packing equipment's

Official Distributor of Major Brand K-LAB, RIGOL, CSSL, CDH

LAB EQUIPMENTS

CLEANROOM

PHARMA SOLUTIONS

HVAC SYSTEM



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Walk-In Humidity (Stability) Chambers

Standard Equipment

- Chamber Operations based on the principles of Dew point control as per the Psychrometric Chart
- Double walled with 80mm PUF insulated modular panels with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- Observation window - 300 x 300 mm
- PVC strip curtain for reducing temperature leakages
- Heater line along the door to avoid condensation
- U-shaped SS tubular heaters
- Forced air circulation for uniform temperature
- Humidity is primarily controlled through the principles of Dew point control (for capacities>8KL)
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- System is made up of split type condenser unit in well-ventilated area to avoid throw of hot air in the room
- Stand by humidity system with booster humidification
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make T/Rh combo sensor with 4-20 mA output
- Safety devices: Low & High temperature cut-off settable thermostats & high humidity cut-off settable hygrostat
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: 10 C to 85 C
Humidity Range: 20% Rh to 95% Rh



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 10°C to 85°C
- Temperature Accuracy : $\pm 0.5^\circ\text{C}$
- Temperature Uniformity : $\pm 1^\circ\text{C}$
- Humidity Range : 40% Rh to 95% Rh
- Humidity Accuracy : $\pm 2\%$ Rh
- Humidity Uniformity : $\pm 3\%$ Rh

Optional Accessories

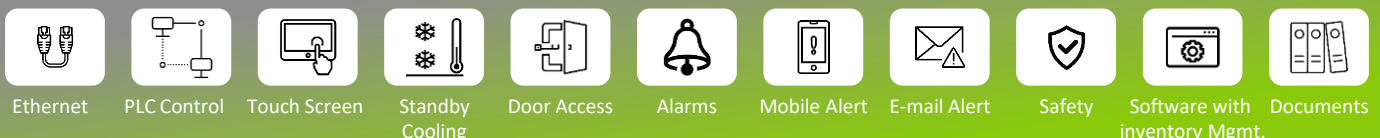


- 21CFR compliance with inventory management
- 8pt. Temperature & Humidity Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Exterior & Interior are of stainless steel (SS 304) | Capacity | | Internal Size | External Size | Trays Qty. | Tray size |
|---|----------|-------|--------------------|--------------------|------------|-----------|
| | CuFt | Litre | (H*W*D)mtr. | (H*W*D)mtr. | | mm |
| EGWHC171 | 171 | 4500 | 2.00 x 1.50 x 1.50 | 2.16 x 1.66 x 1.66 | 24 | 500 x 450 |
| EGWHC190 | 190 | 5400 | 2.00 x 1.36 x 2.00 | 2.16 x 1.52 x 2.16 | 24 | 870 x 300 |
| EGWHC230 | 230 | 6400 | 2.40 x 1.36 x 2.00 | 2.56 x 1.52 x 2.16 | 32 | 870 x 300 |
| EGWHC280 | 280 | 8000 | 2.00 x 2.00 x 2.00 | 2.16 x 2.16 x 2.16 | 24 | 870 x 600 |
| EGWHC340 | 340 | 9600 | 2.40 x 2.00 x 2.00 | 2.56 x 2.16 x 2.16 | 32 | 870 x 600 |
| EGWHC428 | 428 | 12000 | 2.40 x 2.00 x 2.50 | 2.56 x 2.16 x 2.66 | 48 | 725 x 600 |
| EGWHC530 | 530 | 15000 | 2.40 x 2.50 x 2.50 | 2.56 x 2.66 x 2.66 | 48 | 725 x 800 |
| EGWHC640 | 640 | 18000 | 2.40 x 2.50 x 3.00 | 2.56 x 2.66 x 3.16 | 48 | 900 x 800 |
| EGWHC1070 | 1070 | 30000 | 2.40 x 2.50 x 5.00 | 2.56 x 2.66 x 5.16 | 90 | 920 x 800 |
| EGWHC1785 | 1785 | 50000 | 3.00 x 4.20 x 4.00 | 3.16 x 4.36 x 4.16 | 140 | 870 x 600 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.
Standard Inner Heights: 2.0, 2.4, 3.0 Mt | Standard Inner Width: 1.36, 2.0, 2.5, 4.0 Mt | Standard Inner Depths: 2.0,3.0, 4.0, 5.0 Mt

Features



Walk-In Plant Growth Chambers

Standard Equipment

- Chamber Operations based on the principles of Dew point control as per the Psychrometric Chart
- Double walled with 80mm PUF insulated modular panels with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays, Observation window - 300 x 300 mm
- PVC strip curtain for reducing temperature leakages, Heater line along the door to avoid condensation, U-shaped SS tubular heaters
- Forced air circulation for uniform temperature, Humidity is primarily controlled through the principles of Dew point control (for capacities > 8KL)
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser, System is made up of split type condenser unit in well-ventilated area to avoid throw of hot air in the room
- Stand by humidity system with booster humidification
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility, High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make T/Rh combo sensor with 4-20 mA output
- Safety devices: Low & High temperature cut-off settable thermostats & high humidity cut-off settable hygrostat, Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual
- PAR LED Lights with each trays : 430 nm to 750 nm wavelength. Dual Switch for Germ & BM
- Co2 Sensor with External CO2 supply connection provision.

Temperature Range: -10 C to 60 C
Humidity Range: 20% Rh to 95% Rh

DEW POINT CONTROLLED SYSTEM



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : -10°C to 60°C
- Temperature Accuracy : $\pm 0.5^\circ\text{C}$
- Temperature Uniformity : $\pm 1^\circ\text{C}$
- Humidity Range : 40% Rh to 95% Rh
- Humidity Accuracy : $\pm 2\% \text{ Rh}$
- Humidity Uniformity : $\pm 3\% \text{ Rh}$

Optional Accessories



- 21CFR compliance with inventory management
- 8pt. Temperature & Humidity Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's



430-660nm wave length, for germinating

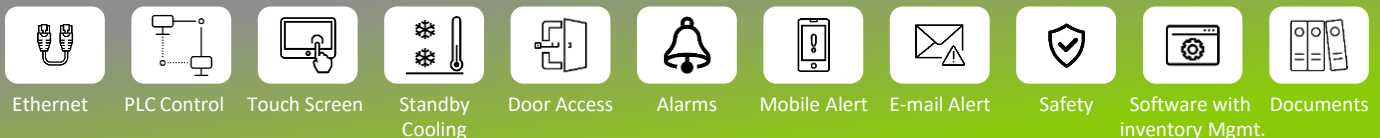


430-740nm wave length, for blossoming and bearing fruit



*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.
Standard Inner Heights: 2.0, 2.4, 3.0 Mt | Standard Inner Width: 1.36, 2.0, 2.5, 4.0 Mt | Standard Inner Depths: 2.0, 3.0, 4.0, 5.0 Mt

Features



Booster Cooling Walk In Chamber

Standard Equipment

- Chamber Operations based on the principles of Dew point control as per the Psychrometric Chart
- Double walled with 80mm PUF insulated modular panels with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- Observation window - 300 x 300 mm
- PVC strip curtain for reducing temperature leakages
- Forced air circulation for uniform temperature
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- System is made up of split type condenser unit in well-ventilated area to avoid throw of hot air in the room
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make Temperature sensor
- Safety devices: Low & High temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: 2° C to 8° C

BC BOOSTER COOLING WALK IN CHAMBER



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 2°C to 8°C
- Temperature Accuracy : $\pm 0.5^\circ\text{C}$
- Temperature Uniformity : $\pm 1^\circ\text{C}$

Optional Accessories

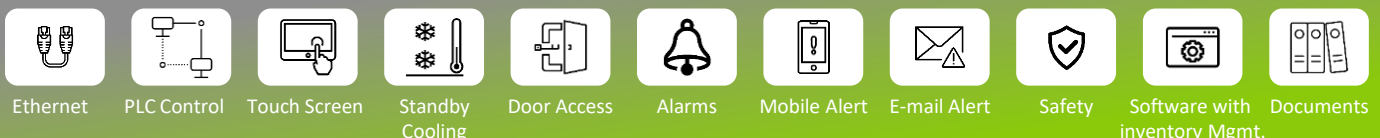


- 21CFR compliance with inventory management
- 8pt. Temperature Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Exterior & Interior are of stainless steel (SS 304) | Capacity | | Internal Size | External Size | Trays Qty. | Tray size |
|---|----------|-------|--------------------|--------------------|------------|-----------|
| | CuFt | Litre | (H*W*D)mtr. | (H*W*D)mtr. | | mm |
| EGWCC190 | 190 | 5400 | 2.00 x 1.36 x 2.00 | 2.16 x 1.52 x 2.16 | 24 | 870 x 300 |
| EGWCC230 | 230 | 6400 | 2.40 x 1.36 x 2.00 | 2.56 x 1.52 x 2.16 | 32 | 870 x 300 |
| EGWCC280 | 280 | 8000 | 2.00 x 2.00 x 2.00 | 2.16 x 2.16 x 2.16 | 24 | 870 x 600 |
| EGWCC340 | 340 | 9600 | 2.40 x 2.00 x 2.00 | 2.56 x 2.16 x 2.16 | 32 | 870 x 600 |
| EGWCC428 | 428 | 12000 | 2.40 x 2.00 x 2.50 | 2.56 x 2.16 x 2.66 | 48 | 725 x 600 |
| EGWCC530 | 530 | 15000 | 2.40 x 2.50 x 2.50 | 2.56 x 2.66 x 2.66 | 48 | 725 x 800 |
| EGWCC640 | 640 | 18000 | 2.40 x 2.50 x 3.00 | 2.56 x 2.66 x 3.16 | 48 | 900 x 800 |
| EGWCC1070 | 1070 | 30000 | 2.40 x 2.50 x 5.00 | 2.56 x 2.66 x 5.16 | 90 | 920 x 800 |
| EGWCC1785 | 1785 | 50000 | 3.00 x 4.20 x 4.00 | 3.16 x 4.36 x 4.16 | 140 | 870 x 600 |
| EGWCC2857 | 2857 | 80000 | 3.00 x 4.80 x 5.56 | 3.16 x 4.96 x 5.72 | 180 | 870 x 800 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.
Standard Inner Heights: 2.0, 2.4, 3.0 Mt | Standard Inner Width: 1.36, 2.0, 2.5, 4.0 Mt | Standard Inner Depths: 2.0,3.0, 4.0, 5.0 Mt

Features



Walk-In Incubator Chambers

Standard Equipment

- Double walled with 80mm PUF insulated modular panels with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- Observation window - 300 x 300 mm
- Heater line along the door to avoid condensation
- U-shaped SS tubular heaters
- Forced air circulation for uniform temperature
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- System is made up of split type condenser unit in well-ventilated area to avoid throw of hot air in the room
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make Temperature sensor
- Safety devices: Low & High temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual
- Working on Principal of Dew Point for Growth of cell culture & Media Formulation.

Temperature Range: +5° C to 75° C

DEW POINT CONTROLLED SYSTEM



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 5°C to 75°C
- Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- Temperature Uniformity : $\pm 1^{\circ}\text{C}$

Optional Accessories

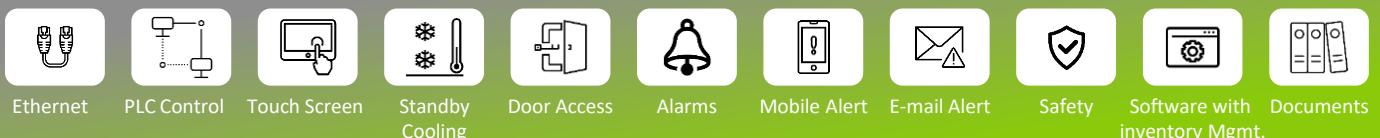


- 21CFR compliance with inventory management
- 8pt. Temperature Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Exterior & Interior are of stainless steel (SS 304) | Capacity | | Internal Size | External Size | Trays Qty. | Tray size |
|---|----------|-------|--------------------|--------------------|------------|-----------|
| | CuFt | Litre | (H*W*D)mtr. | (H*W*D)mtr. | | mm |
| EGWIC190 | 190 | 5400 | 2.00 x 1.36 x 2.00 | 2.16 x 1.52 x 2.16 | 24 | 870 x 300 |
| EGWIC230 | 230 | 6400 | 2.40 x 1.36 x 2.00 | 2.56 x 1.52 x 2.16 | 32 | 870 x 300 |
| EGWIC280 | 280 | 8000 | 2.00 x 2.00 x 2.00 | 2.16 x 2.16 x 2.16 | 24 | 870 x 600 |
| EGWIC340 | 340 | 9600 | 2.40 x 2.00 x 2.00 | 2.56 x 2.16 x 2.16 | 32 | 870 x 600 |
| EGWIC428 | 428 | 12000 | 2.40 x 2.00 x 2.50 | 2.56 x 2.16 x 2.66 | 48 | 725 x 600 |
| EGWIC530 | 530 | 15000 | 2.40 x 2.50 x 2.50 | 2.56 x 2.66 x 2.66 | 48 | 725 x 800 |
| EGWIC640 | 640 | 18000 | 2.40 x 2.50 x 3.00 | 2.56 x 2.66 x 3.16 | 48 | 900 x 800 |
| EGWIC1070 | 1070 | 30000 | 2.40 x 2.50 x 5.00 | 2.56 x 2.66 x 5.16 | 90 | 920 x 800 |
| EGWIC1785 | 1785 | 50000 | 3.00 x 4.20 x 4.00 | 3.16 x 4.36 x 4.16 | 140 | 870 x 600 |
| EGWIC2857 | 2857 | 80000 | 3.00 x 4.80 x 5.56 | 3.16 x 4.96 x 5.72 | 180 | 870 x 800 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.
Standard Inner Heights: 2.0, 2.4, 3.0 Mt | Standard Inner Width: 1.36, 2.0, 2.5, 4.0 Mt | Standard Inner Depths: 2.0,3.0, 4.0, 5.0 Mt

Features



Humidity (Stability) Chambers

Standard Equipment

- Double walled with 60mm PUF insulated with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- PVC strip curtain for reducing temperature leakages
- Heater line along the door to avoid condensation
- U-shaped SS tubular heaters
- Forced air circulation for uniform temperature
- Humidity is primarily controlled through the principles of Dew point control
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Stand by humidity system with booster humidification
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make T/Rh combo sensor with 4-20 mA output
- Safety devices: Low & High temperature cut-off settable thermostats & high humidity cut-off settable hygrostat
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: 10 C to 85 C
Humidity Range: 40% Rh to 95% Rh

DEW POINT CONTROLLED SYSTEM



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 10°C to 85°C
- Temperature Accuracy : $\pm 0.5^\circ\text{C}$
- Temperature Uniformity : $\pm 1^\circ\text{C}$
- Humidity Range : 40% Rh to 95% Rh
- Humidity Accuracy : $\pm 2\%$ Rh
- Humidity Uniformity : $\pm 3\%$ Rh

Optional Accessories

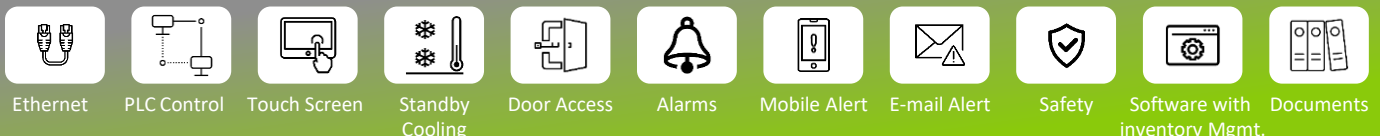


- 21CFR compliance with inventory management
- 4pt. Temperature & Humidity Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | | Internal Size (H*W*D)mtr. | External Size (H*W*D)mtr. | Trays Qty. | |
|--|----------|-------|------------------------------|------------------------------|------------|--|
| | CuFt | Litre | | | | |
| EGHC2S/M | 2 | 50 | 250 x 200 x 100 | 450 x 945 x 630 | 1 | |
| EGHC4S/M | 4 | 100 | 400 x 500 x 500 | 950 x 630 x 945 | 1 | |
| EGHC7S/M | 7 | 200 | 800 x 500 x 500 | 1350 x 630 x 945 | 2 | |
| EGHC11S/M | 11 | 300 | 1200 x 500 x 500 | 1795 x 630 x 945 | 2 | |
| EGHC15S/M | 15 | 430 | 1200 x 600 x 600 | 1795 x 730 x 1095 | 4 | |
| EGHC21S/M | 21 | 600 | 1200 x 700 x 700 | 1795 x 830 x 1195 | 4 | |
| EGHC28S/M | 28 | 800 | 1200 x 800 x 800 | 1795 x 930 x 1295 | 4 | |
| EGHC35S/M | 35 | 1000 | 1500 x 800 x 800 | 2095 x 930 x 1295 | 5 | |
| EGHC53S/M | 53 | 1500 | 1500 x 1600 x 600 | 2095 x 1760 x 1095 | 10 | |
| EGHC71S/M | 71 | 2000 | 1500 x 1600 x 800 | 2095 x 1760 x 1295 | 10 | |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



BOD Incubator Chambers

Standard Equipment

- Double walled with 60mm PUF insulated with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- PVC strip curtain for reducing temperature leakages
- Heater line along the door to avoid condensation
- U-shaped SS tubular heaters
- Forced air circulation for uniform temperature
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make Temperature sensor
- Safety devices: Low & High temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: 5° C to 75° C

BOD INCUBATOR CHAMBER



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 5°C to 75°C
- Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- Temperature Uniformity : $\pm 1^{\circ}\text{C}$

Optional Accessories

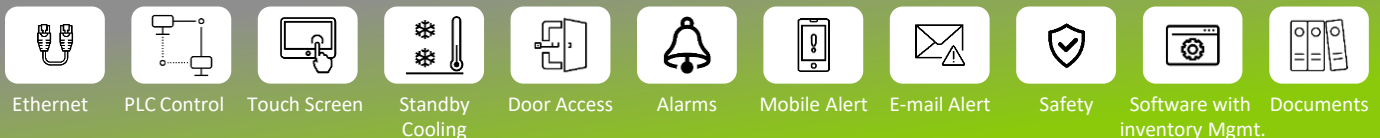


- 21CFR compliance with inventory management
- 4pt. Temperature Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | | Internal Size (H*W*D)mtr. | External Size (H*W*D)mtr. | Trays Qty. | |
|--|----------|-------|---------------------------|---------------------------|------------|--|
| | CuFt | Litre | | | | |
| EGBI2S/M | 2 | 50 | 250 x 200 x 100 | 450 x 945 x 630 | 1 | |
| EGBI4S/M | 4 | 100 | 400 x 500 x 500 | 950 x 630 x 945 | 1 | |
| EGBI7S/M | 7 | 200 | 800 x 500 x 500 | 1350 x 630 x 945 | 2 | |
| EGBI11S/M | 11 | 300 | 1200 x 500 x 500 | 1795 x 630 x 945 | 2 | |
| EGBI15S/M | 15 | 430 | 1200 x 600 x 600 | 1795 x 730 x 1095 | 4 | |
| EGBI21S/M | 21 | 600 | 1200 x 700 x 700 | 1795 x 830 x 1195 | 4 | |
| EGBI28S/M | 28 | 800 | 1200 x 800 x 800 | 1795 x 930 x 1295 | 4 | |
| EGBI35S/M | 35 | 1000 | 1500 x 800 x 800 | 2095 x 930 x 1295 | 5 | |
| EGBI53S/M | 53 | 1500 | 1500 x 1600 x 600 | 2095 x 1760 x 1095 | 10 | |
| EGBI71S/M | 71 | 2000 | 1500 x 1600 x 800 | 2095 x 1760 x 1295 | 10 | |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Cooling Chambers

Standard Equipment

- Double walled with 60mm PUF insulated with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- PVC strip curtain for reducing temperature leakages
- Booster Cooling With Advance Feature
- Forced air circulation for uniform temperature
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make Temperature sensor
- Safety devices: Low & High temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: 2° C to 8° C

COLD LAB REFRIGERATOR



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 2°C to 8°C
- Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- Temperature Uniformity : $\pm 1^{\circ}\text{C}$

Optional Accessories

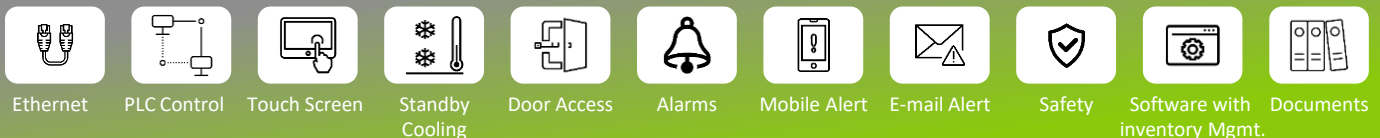


- 21CFR compliance with inventory management
- 4pt. Temperature Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | | Internal Size (H*W*D)mtr. | External Size (H*W*D)mtr. | Trays Qty. | |
|--|----------|-------|------------------------------|------------------------------|------------|--|
| | CuFt | Litre | | | | |
| EGCC2S/M | 2 | 50 | 250 x 200 x 100 | 450 x 945 x 630 | 1 | |
| EGCC4S/M | 4 | 100 | 400 x 500 x 500 | 950 x 630 x 945 | 1 | |
| EGCC7S/M | 7 | 200 | 800 x 500 x 500 | 1350 x 630 x 945 | 2 | |
| EGCC11S/M | 11 | 300 | 1200 x 500 x 500 | 1795 x 630 x 945 | 2 | |
| EGCC15S/M | 15 | 430 | 1200 x 600 x 600 | 1795 x 730 x 1095 | 4 | |
| EGCC21S/M | 21 | 600 | 1200 x 700 x 700 | 1795 x 830 x 1195 | 4 | |
| EGCC28S/M | 28 | 800 | 1200 x 800 x 800 | 1795 x 930 x 1295 | 4 | |
| EGCC35S/M | 35 | 1000 | 1500 x 800 x 800 | 2095 x 930 x 1295 | 5 | |
| EGCC53S/M | 53 | 1500 | 1500 x 1600 x 600 | 2095 x 1760 x 1095 | 10 | |
| EGCC71S/M | 71 | 2000 | 1500 x 1600 x 800 | 2095 x 1760 x 1295 | 10 | |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Freeze Thaw Chambers

Standard Equipment

- Double walled with 60mm PUF insulated with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- PVC strip curtain for reducing temperature leakages
- Booster Cooling With Advance Feature (Optional)
- Forced air circulation for uniform temperature
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Complete Operations driven through PLC with data logging capacity of upto 8000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make Temperature sensor
- Safety devices: Low & High temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual
- Cyclic Mode : 5 days consisting of 24 cycles,
 - Ramp to -25°C in 1 Hour
 - Static at -25°C for 1 hours,
 - Ramp to +70 °C and 90%Rh in 1 hours
 - Static at +50 °C 90%Rh for 1 hours
 - Ramp to -20 °C in 1 hours
 - Return to 1 and repeat until completed for 5 days.

Temperature Range: -30° C to +70° C



FREEZE THAW CHAMBER



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : -30°C to +70°C
- Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- Temperature Uniformity : $\pm 1^{\circ}\text{C}$ for Specific rage

Optional Accessories

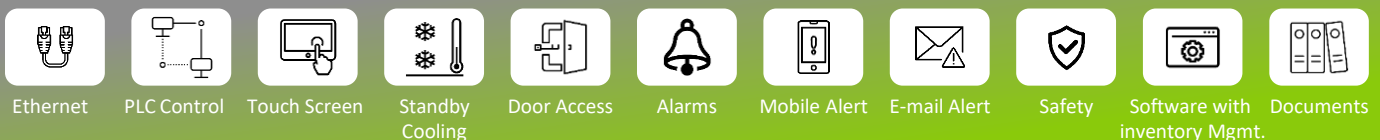


- 21CFR compliance Software 4pt. Temperature Scanner
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | | Internal Size (H*W*D)mtr. | External Size (H*W*D)mtr. | Trays Qty. | |
|--|----------|-------|---------------------------|---------------------------|------------|--|
| | CuFt | Litre | | | | |
| EGFTC7S/M | 7 | 200 | 800 x 500 x 500 | 1350 x 630 x 945 | 2 | |
| EGFTC21S/M | 21 | 600 | 1200 x 700 x 700 | 1795 x 830 x 1195 | 4 | |
| EGFTC28S/M | 28 | 800 | 1200 x 800 x 800 | 1795 x 930 x 1295 | 4 | |
| EGFTC35S/M | 35 | 1000 | 1500 x 800 x 800 | 2095 x 930 x 1295 | 5 | |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



LAB Incubator Chambers

Standard Equipment

- Double walled with 60mm PUF insulated with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- PVC strip curtain for reducing temperature leakages
- Heater line along the door to avoid condensation
- U-shaped SS tubular heaters
- Forced air circulation for uniform temperature
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make Temperature sensor
- Safety devices: Low & High temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: ambient +5° C to 75° C

LAB INCUBATOR CHAMBER



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : ambient +5°C to 75°C
- Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- Temperature Uniformity : $\pm 1^{\circ}\text{C}$

Optional Accessories

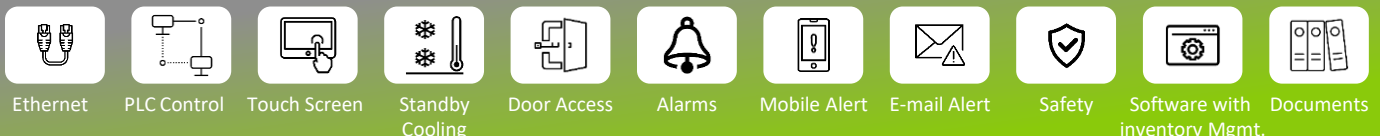


- 21CFR compliance with inventory management
- 4pt. Temperature Scanner
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | | Internal Size (H*W*D)mtr. | External Size (H*W*D)mtr. | Trays Qty. | |
|--|----------|-------|---------------------------|---------------------------|------------|--|
| | CuFt | Litre | | | | |
| EGLI2S/M | 2 | 50 | 250 x 200 x 100 | 450 x 945 x 630 | 1 | |
| EGLI4S/M | 4 | 100 | 400 x 500 x 500 | 950 x 630 x 945 | 1 | |
| EGLI7S/M | 7 | 200 | 800 x 500 x 500 | 1350 x 630 x 945 | 2 | |
| EGLI11S/M | 11 | 300 | 1200 x 500 x 500 | 1795 x 630 x 945 | 2 | |
| EGLI15S/M | 15 | 430 | 1200 x 600 x 600 | 1795 x 730 x 1095 | 4 | |
| EGLI21S/M | 21 | 600 | 1200 x 700 x 700 | 1795 x 830 x 1195 | 4 | |
| EGLI28S/M | 28 | 800 | 1200 x 800 x 800 | 1795 x 930 x 1295 | 4 | |
| EGLI35S/M | 35 | 1000 | 1500 x 800 x 800 | 2095 x 930 x 1295 | 5 | |
| EGLI53S/M | 53 | 1500 | 1500 x 1600 x 600 | 2095 x 1760 x 1095 | 10 | |
| EGLI71S/M | 71 | 2000 | 1500 x 1600 x 800 | 2095 x 1760 x 1295 | 10 | |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Duel Chambers

Standard Equipment

- Double walled with 60mm PUF insulated
 - Double Door Chamber with Separate Control.
 - SS 304 Interior & Exterior either SS 304 or Pre Coated G. I. Stainless Steel Trays
 - U-shaped SS tubular heaters
 - Forced air circulation for uniform temperature
 - CFC Free Cooling System, Common Compressor for Different set Point.
 - Microprocessor base PID control and Datalogger Or Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility, High speed Ethernet based communication
 - High quality imported make Temperature sensor
 - Safety devices: Low & High temperature cut-off settable thermostats
 - Audio/Visual alarms for deviations
 - Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual
- Optional : Duel Chamber Stability Chamber

Upper Temperature Range: -25° C to 75° C
Lower Temperature Range:- -25° C to 75° C



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : -25°C to 75°C
- Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$
- Temperature Uniformity : $\pm 1^{\circ}\text{C}$

Optional:-

- Humidity Range, Accuracy, Uniformity :
40-95% Rh , $2\% \pm \text{Rh}$, $\pm 3\% \text{Rh}$

Optional Accessories

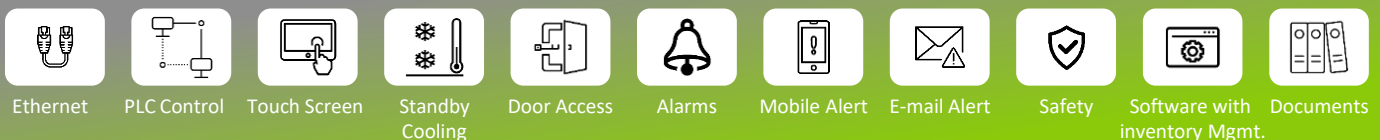


- 21CFR compliance with inventory management
- 4pt. Temperature Scanner
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | | Upper Internal Size | Lower Internal Size | Trays Qty. | |
|--|----------|-------|---------------------|---------------------|------------|--|
| | Upper | Lower | (H*W*D)mm. | (H*W*D)mm. | | |
| EGDC9S/M | 125 | 125 | 500 x 500 x 500 | 500 x 500 x 500 | 4 | |
| EGDC14S/M | 200 | 200 | 500 x 640 x 640 | 500 x 640 x 640 | 4 | |
| EGDC21S/M | 300 | 300 | 650 x 650 x 710 | 650 x 650 x 710 | 6 | |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Deep Freezer Chambers

Standard Equipment

- Double walled with 60mm PUF insulated with easy on-site assembly
- SS 304 Interior & Exterior either SS 304 or Pre Coated G. I.
- Stainless Steel Trays
- PVC strip curtain for reducing temperature leakages
- Booster Cooling With Advance Feature
- Forced air circulation for uniform temperature
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Complete Operations driven through PLC with data logging capacity of upto 1000 readings & email facility
- High speed Ethernet based communication
- All operations through a single 7" Color Touch Screen
- High quality imported make Temperature sensor
- Safety devices: Low & High temperature cut-off settable thermostats
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: -30° C to -5° C

COLD LAB REFRIGERATOR



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : -30 °C to -5°C
- Temperature Accuracy : $\pm 1^{\circ}\text{C}$
- Temperature Uniformity : $\pm 3^{\circ}\text{C}$

Optional Accessories

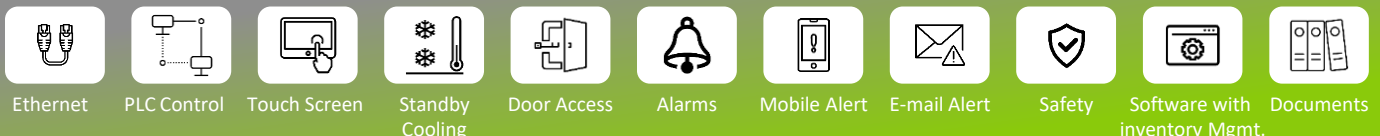


- 21CFR compliance with inventory management
- 4pt. Temperature Scanner
- Stand by Cooling System with auto switch over
- Door Access system (Numeric or Biometric)
- Mobile Alert system
- Remote alarm system suitable for 4 nos. of equipment's

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | | Internal Size (H*W*D)mtr. | External Size (H*W*D)mtr. | Trays Qty. | |
|--|----------|-------|------------------------------|------------------------------|------------|--|
| | CuFt | Litre | | | | |
| EGDF2S/M | 2 | 50 | 250 x 200 x 100 | 450 x 945 x 630 | 1 | |
| EGDF4S/M | 4 | 100 | 400 x 500 x 500 | 950 x 630 x 945 | 1 | |
| EGDF7S/M | 7 | 200 | 800 x 500 x 500 | 1350 x 630 x 945 | 2 | |
| EGDF11S/M | 11 | 300 | 1200 x 500 x 500 | 1795 x 630 x 945 | 2 | |
| EGDF15S/M | 15 | 430 | 1200 x 600 x 600 | 1795 x 730 x 1095 | 4 | |
| EGDF21S/M | 21 | 600 | 1200 x 700 x 700 | 1795 x 830 x 1195 | 4 | |
| EGDF28S/M | 28 | 800 | 1200 x 800 x 800 | 1795 x 930 x 1295 | 4 | |
| EGDF35S/M | 35 | 1000 | 1500 x 800 x 800 | 2095 x 930 x 1295 | 5 | |
| EGDF53S/M | 53 | 1500 | 1500 x 1600 x 600 | 2095 x 1760 x 1095 | 10 | |
| EGDF71S/M | 71 | 2000 | 1500 x 1600 x 800 | 2095 x 1760 x 1295 | 10 | |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Ultra Cold Temperature Freezer

Standard Equipment

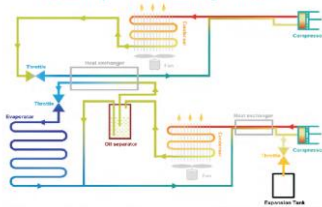
Temperature Range: -85 °C to -50° C



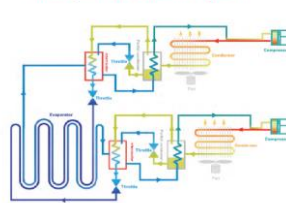
ULTRA COLD TEMP



Cascade System Heat Exchange Circulation



Dual System Circulation System



Specifications



- Temperature Range : -85 °C to -50° C
- USB Port to Download Temp Log and Events
- Color Display touch screen
- Noise level less than 48dB
- Inner Door To protect samples

Optional Accessories

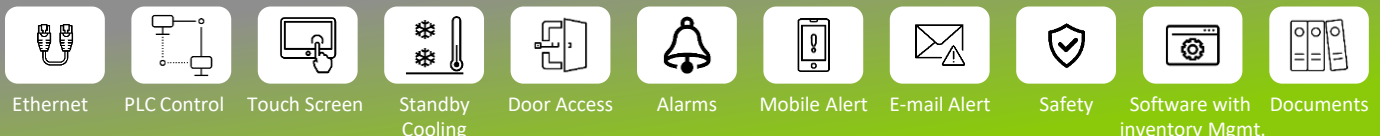


- 21CFR compliance Optional With Separate Data logger
- Chart Recorder Provision
- Long Cryogenic Gloves

| Exterior & Interior are of stainless steel (SS 304) | Capacity | | Internal Size | External Size | Trays. | Power Consumption |
|---|----------|-------|---------------|---------------|------------------|-------------------|
| | CuFt | Litre | (H*W*D)mm | (H*W*D)mm | | Kwh/24h |
| EGUF1S/M | 1.76 | 50 | 361x429x406 | 540x620x1115 | | 6.5 |
| EGUF2S/M | 6.63 | 188 | 465x465x830 | 830x810x1608 | 9 (4 X 3) | 8.2 |
| EGUF3S/M | 12 | 340 | 488x600x1140 | 855x1006x1920 | 12 (4 X 4) | 11.2 |
| EGUF4S/M | 14.4 | 408 | 606x575x1180 | 872x810x1946 | 16(5 X 4, 4 X 4) | 11.6 |
| EGUF5S/M | 20.76 | 588 | 606x738x1310 | 872x1100x1994 | 16 (5 X 5) | 12 |
| EGUF6S/M | 25.70 | 728 | 963x558x1350 | 1248x970x1994 | 18 (5 X 4) | 15.4 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Vertical Autoclave

Standard Equipment

- Vertical double walled design, has single chamber for Steam & water.
- Lid, flange & bottom plate is also made of S.S, all joints are Argon welded.
- Lid fitting Pressure gauge 0-30 PSI
- safety spring loaded Pressure valve, steam Release valve. Safety high pressure release valve
- Stainless Steel Trays
- Foot lifting arrangement is provided in 121C/D/E/F
- Available in PID (P)/ PLC (HP)/ Microprocessor Base (S)Controller.
- Fully/ Semi Automatic Operation.
- Printer Interface
- 21 CFR Software Connectivity
- Automatic purging of steam with solenoid valve
- Low water level cut off system with magnetic float switch for heater's safety
- High quality imported make Temperature sensor
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: 121° C to 125° C
Pressure Range: 15-30 PSI

VA

VERTICAL AUTOCLAVE



VAR

VA-SQ

Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 121°C to 125°C
- Pressure Range : 15°C to 22°C
- Factory Set: 15 PSI at 121°C
- Supply: 230V AC, Single Ph, 50 Hz.

Optional Accessories

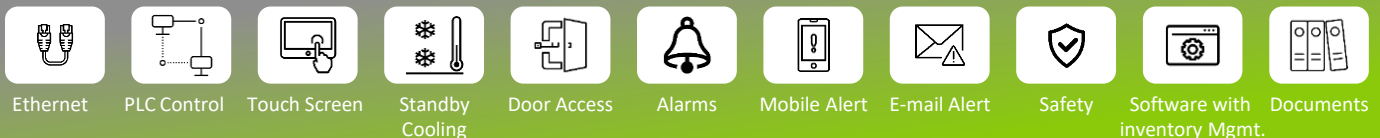


- 21CFR compliance Software
- Printer Interface
- 4pt. Temperature Scanner
- PLC-HMI Base Operation Available.

| Interior & Exterior are of stainless steel SS 304 & (SS 304) | Capacity | | Internal Size (D*H) cm | Trays Qty. | Power Rating in Kw |
|--|----------|-------|------------------------|------------|--------------------|
| | CuFt | Litre | | | |
| EGVAR/SQ1S/HP/P | 0.6 | 18 | 24 Dia x 40 ht | 1 | 1.5 |
| EGVAR/SQ2S/HP/P | 0.8 | 23 | 24 Dia x 51 ht | 1 | 2.5 |
| EGVAR/SQ3S/HP/P | 2.0 | 52 | 35 Dia x 55 ht | 1 | 3.0 |
| EGVAR/SQ4S/HP/P | 3.2 | 90 | 40 Dia x 72 ht | 2 | 4.0 |
| EGVAR/SQ5S/HP/P | 3.5 | 100 | 42 Dia x 72 ht | 2 | 4.0 |
| EGVAR/SQ6S/HP/P | 4.2 | 120 | 45 Dia x 75 ht | 2 | 4.5 |
| EGVAR/SQ7S/HP/P | 6.25 | 175 | 55 Dia x 75 ht | 2 | 5.0 |
| EGVAR/SQ8S/HP/P | 7.1 | 200 | 54 Dia x 90 ht | 2 | 6.0 |
| EGVAR/SQ9S/HP/P | 8.9 | 250 | 60 Dia x 90 ht | 2 | 6.5 |
| EGVAR/SQ10S/HP/P | 10.7 | 300 | 66 Dia x 90 ht | 2 | 9.0 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Horizontal Autoclave

Standard Equipment

- Horizontal Triple walled design, has separate chamber for Steam & water.
- Lid, flange & bottom plate is also made of S.S, all joints are Argon welded.
- Double Door System
- Lid fitting Pressure gauge 0-30 PSI
- safety spring loaded Pressure valve, steam Release valve. Safety high pressure release valve
- Stainless Steel Tray.
- Hydraulically Tested up to 40 psi.
- Autoclaves work on the principle of downward displacement of air which is the most economical method of obtaining sterilization
- Fitted with separate valves for injecting the steam into the main chamber.
- Fitted with Automatic Pressure Control Switch to economizes power consumption by reducing frequent opening of the steam release valve. It cuts off the power supply to heaters when the set pressure is achieved and re-energizes the heating elements when pressure falls below the set point
- Available in PID (P)/ PLC (HP)/ Microprocessor Base (S)Controller.
- Fully/ Semi Automatic Operation.
- Printer Interface/ 21 CFR Software Connectivity
- Automatic purging of steam with solenoid valve
- Low water level cut off system with magnetic float switch for heater's safety
- High quality imported make Temperature sensor
- Audio/Visual alarms for deviations
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: 121° C to 135° C
Pressure Range: 15-30 PSI

HORIZONTAL AUTOCLAVE



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : 121°C to 135°C
- Pressure Range : 15°C to 22°C
- Factory Set: 15 PSI at 121°C
- Supply: 230V AC, Single Ph, 50 Hz.

Optional Accessories

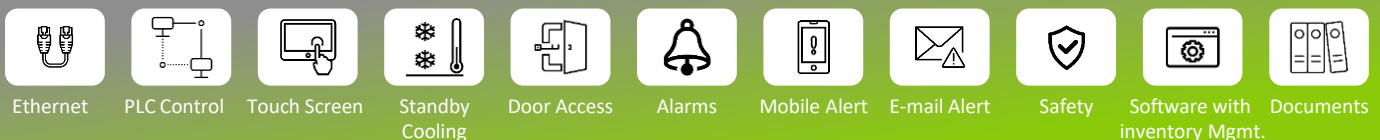


- 21CFR compliance Software
- Printer Interface
- 4pt. Temperature Scanner
- PLC-HMI Base Operation Available.

| Interior & Exterior are of stainless steel SS 304 & (SS 304) | Capacity | | Internal Size (D*H) cm | Trays Qty. | Power Rating in Kw |
|--|----------|-------|------------------------|------------|--------------------|
| | CuFt | Litre | | | |
| EG-HSQ/HR4S/HP | 3.2 | 90 | 40 Dia x 72 ht | 2 | 4.0 |
| EG-HSQ/HR5S/HP | 3.5 | 100 | 42 Dia x 72 ht | 2 | 4.0 |
| EG-HSQ/HR6S/HP | 4.2 | 120 | 45 Dia x 75 ht | 2 | 4.5 |
| EG-HSQ/HR7S/HP | 6.25 | 175 | 55 Dia x 75 ht | 2 | 5.0 |
| EG-HSQ/HR8S/HP | 7.1 | 200 | 54 Dia x 90 ht | 2 | 6.0 |
| EG-HSQ/HR9S/HP | 8.9 | 250 | 60 Dia x 90 ht | 2 | 6.5 |
| EG-HSQ/HR10S/HP | 10.7 | 300 | 66 Dia x 90 ht | 2 | 9.0 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Muffle Furnace / High Temp Furnace

Standard Equipment

- Tmax 1100 °C, 1200 °C, or 1800 °C
- Dual shell housing with rear ventilation, provides for low shell temperatures
- High furnace chamber with five-sided heating for very good temperature uniformity
- Heating elements on support tubes ensure free heat radiation and a long service life
- Controller mounted on furnace Top or Bottom side and removable for comfortable operation with Audio/Visual alarms for deviations
- Protection of bottom heating and flat stacking surface provided by embedded SiC plate in the floor
- Multi-layered insulation of light refractory bricks and special backup insulation
- High Tempe Furnace: high-quality fiber insulation with corner bricks for shorter heating and cooling times. Only fiber materials are used which are not classified as carcinogenic according to TRGS 905, class 1 or 2.
- MF: Door with brick-on-brick seal, hand fitted
- Short heating times due to high Instant power.
- Self-supporting arch for high stability and greatest possible protection against dust.
- Manually adjustable air inlet integrated in furnace floor Optional
- Safety devices: High temperature cut-off settable thermostats
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

HTF: Temperature Range: ambient +5° C to 1800° C
MF: Temperature Range: ambient +5° C to 1200° C

MUFFLE / HT-FURNACE

HTF

MF



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- HTF Temperature Range : ambient +5°C to 1800°C
- MF Temperature Range : ambient +5°C to 1200°C
- Temperature Accuracy : ± 10°C
- Temperature Uniformity : ± 20°C

Optional Accessories



- 21CFR compliance Software for Data Monitoring
- 1pt. Temperature Scanner
- Available in Micro PLC and PID Control

Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder

Capacity

Internal Size

Litre

(H*W*D)mm

EGMF/HTF10

2.3

230 x 100 x 100

EGMF/HTF20

4.2

250 x 130 x 130

EGMF/HTF30

6.7

300 x 150 x 150

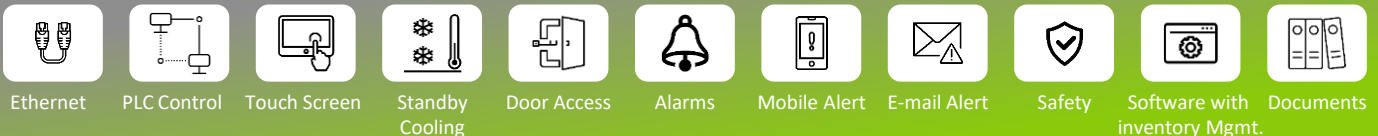
EGMF/HTF40

23.8

450 x 230 x 230

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Lab Oven

Standard Equipment

- GMP Model Inner Body of Stainless still 304 Grade Mirror Finished and Outer Body SS 304 Grade Matt Finished.
- 5" Thick glass wool Insulation ensures stable temperature & reduced energy consumption.
- Sensor: High quality PT - 100 Class A sensor.
- Heating elements on support tubes ensure free heat radiation and a long service life
- Controller mounted on Top or Bottom side and removable for comfortable operation with Audio/Visual alarms for deviations
- Protection of bottom heating and flat stacking surface provided by embedded SiC plate in the floor
- Multi-layered insulation of Glass Wool and special backup insulation
- Short heating times due to high Instant power.
- Self-supporting arch for high stability and greatest possible protection against dust.
- Manually adjustable air inlet integrated in Oven Optional
- Safety devices: High temperature cut-off settable thermostats
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: ambient +5° C to 250° C
Accuracy: ± 2° C



LAB OVEN



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : ambient +5°C to 250°C
- Temperature Accuracy : ± 2°C
- Temperature Uniformity : ± 5°C

Optional Accessories

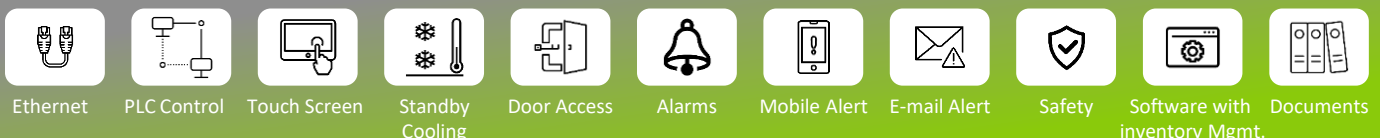


- 21CFR compliance Software for Data Monitoring
- 1pt. Temperature Scanner
- Available in Micro PLC and PID Control

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | Internal Size |
|--|----------|-----------------|
| | Litre | (H*W*D inch) |
| EGLO1S | 30 | 305 x 305 x 305 |
| EGLO2S | 45 | 355 x 355 x 355 |
| EGLO3S | 100 | 460 x 460 x 460 |
| EGLO4S | 125 | 450 x 230 x 230 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Vacuum Oven

Standard Equipment

- GMP Model Inner Body of Stainless still 304 Grade Mirror Finished and Outer Body SS 304 Grade Matt Finished.
- 5" Think glass wool Insulation ensures stable temperature & reduced energy consumption.
- Vacuum Port with Vacuum Pump Connectivity provision With Digital Pressure Gauge.
- Sensor: High quality PT - 100 Class A sensor.
- Heating elements on support tubes ensure free heat radiation and a long service life
- Controller mounted on Top or Bottom side and removable for comfortable operation with Audio/Visual alarms for deviations
- Protection of bottom heating and flat stacking surface provided by embedded SiC plate in the floor
- Multi-layered insulation of Glass Wool and special backup insulation
- Short heating times due to high Instant power.
- Self-supporting arch for high stability and greatest possible protection against dust.
- Manually adjustable air inlet integrated in Oven Optional
- Safety devices: High temperature cut-off settable thermostats
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual

Temperature Range: ambient +5° C to 200° C
Accuracy: ± 2° C



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : ambient +5°C to 200°C
- Vacuum Pressure: 650 mm
- Temperature Accuracy : ± 2°C
- Temperature Uniformity : ± 5°C

Optional Accessories



- 21CFR compliance Software for Data Monitoring
- 1pt. Temperature Scanner
- Available in Micro PLC and PID Control

| Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder | Capacity | Internal Size |
|--|----------|-----------------|
| | Litre | (H*W*D inch) |
| EGVO1S | 30 | 305 x 305 x 305 |
| EGVO2S | 45 | 355 x 355 x 355 |
| EGVO3S | 100 | 460 x 460 x 460 |

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features

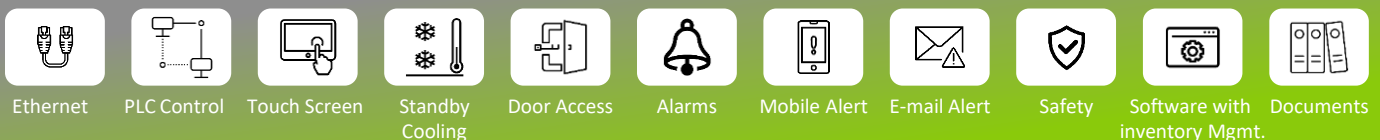


Photo Stability Chamber

Standard Equipment

- GMP Model Inner Body of Stainless still 304 Grade Mirror Finished and Outer Body SS 304 Grade Matt Finished.
- 3" Thick glass wool Insulation ensures stable temperature & reduced energy consumption.
- Available in Humidity Control (Optional)
- Sensor: High quality PT - 100 Class A sensor. (Rh Sensor)
- Heater line along the door to avoid condensation
- U-shaped SS tubular heaters
- Forced air circulation for uniform temperature
- Humidity is primarily controlled through the principles of Dew point control
- CFC free cooling system consisting of hermetically sealed compressor coupled with evaporation coil & condenser
- Complete Operations driven through PLC with data logging capacity (Optional)
- All side fitted with Fluorescent Light and UV Light to get complete cycle in short time.
- Self-supporting arch for high stability and greatest possible protection against dust.
- Safety devices: High temperature cut-off settable thermostats
- Complete with DQ, IQ, OQ, PQ & SOP & Maintenance Manual
- Cycle Finish in 2.5 Days to 3.3 days max.

Temperature Range: +5° C to 60° C
(Optional)Humidity: 40% to 95%Rh
White Lux Exposure:1.2 mil/UV 200 W

PSC

PHOTO STABILITY CHAMBER



Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : ambient +5°C to 250°C
- Humidity Range(Optional): 40% Rh to 95% Rh
- Temperature Accuracy : $\pm 2^{\circ}\text{C}$
- Temperature Uniformity : $\pm 5^{\circ}\text{C}$
- Lux Exposure Q1B Standard: 1.2Mil. UV 200W
- Cycle Completion Time: 2.5+ Days

Optional Accessories



- 21CFR compliance Software for Data Monitoring
- 1pt. Temperature Scanner
- Available in Micro PLC and PID Control

Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder

Capacity

Internal Size

Litre

(H*W*D)mm

EGPSC1S

120

600x450x450

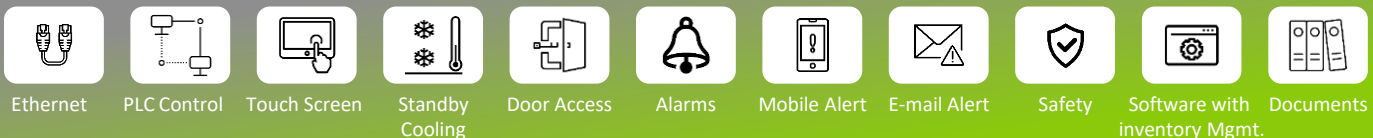
EGPSS2S

250

700x600x600

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Laminar Air Flow

Standard Equipment

Erfolg Ganar bring you a range of LAF Unit offers proven protection for samples and processes. The work area is continuously supplied with positive pressure. Unidirectional Air Flow Units are designed for offering highest product protection by providing ISO Class 5 particle free work area for handling critical process. LAF offers proven protection for the samples and processes. The work area is continuously supplied with positive pressure.

The laminarity of the flow prevents cross contamination between the items handled in the working space.

Construction:

- STD Model inner of 304 SS grade mirror finish and Outer body made of MS Powder Coated Finish. GMP Model : Inner and outer of SS304 Grade.
- Vertical Model Vertical model filter flow front side.
- Blower Suitable motor blowing assemblies with Lubricated bearings.
- HEPA Filter 99.999% efficiency for Particles = 0.3 um(washable).
- Free Filter 85% efficiency for Particles = 0.5 um(washable).
- Work Table SS 304 and SS 304 Grade mirror finish
- Door Clean view acrylic door

Type of Laminar Air Flow:

- Horizontal Laminar Air Flow
- Vertical Laminar Air Flow
- Mobile Laminar Air Flow
- Sterile Trolley



LAMINAR AIR FLOW

Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Pressure gauge (Statics Pressure Mono-Meter)
- U.V. Germicidal Tube in Work area
- Fluorescent Light on/off switch
- Inbuilt 15A Socket etc
- Manometer and On/Off Switch
- Wheel Fiber/PU wheel with front lockable for easy movement
- Document Test Certificate, Operating Manual and Warranty Card.

Optional Accessories



- Inner Temperature Monitoring System
- GMP/Standard Option available
- Carbon

Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder

Internal Size

(H*W*D)mtr.

EGLAF2S/M

610 x 610 x 630

EGLAF3S/M

610 x 914 x 630

EGLAF4S/M

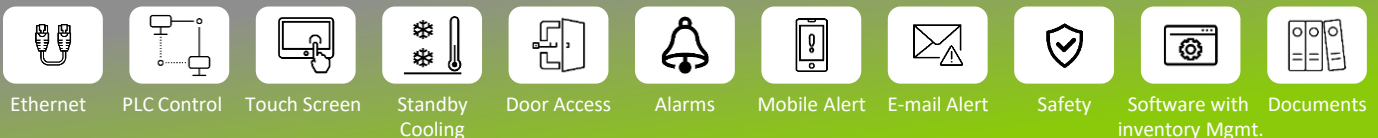
762 x 1200 x 630

EGLAF5S/M

915 x 1800 x 945

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Celling Suspended Laminar Air Flow

Standard Equipment

Erfolg Ganar bring you a range of CSLAF Unit offers proven protection for samples and processes. The work area is continuously supplied with positive pressure. Unidirectional Air Flow Units are designed for offering highest product protection by providing ISO Class 5 particle free work area for handling critical process. CSLAF offers proven protection for the samples and processes. The work area is continuously supplied with positive pressure.

The laminarity of the flow prevents cross contamination between the items handled in the working space.

Construction:

- STD Model inner of 304 SS grade mirror finish and Outer body made of MS Powder Coated Finish. GMP Model : Inner and outer of SS304 Grade.
- Vertical Model Vertical model filter flow front side.
- Blower Suitable motor blowing assemblies with Lubricated bearings.
- HEPA Filter 99.999% efficiency for Particles = 0.3 um(washable).
- Free Filter 85% efficiency for Particles = 0.5 um(washable).
- Work Table SS 304 and SS 304 Grade mirror finish
- Door Clean view acrylic door

Type of Laminar Air Flow:

- Vertical Laminar Air Flow
- Mobile Laminar Air Flow
- Sterile Trolley



CS LAMINAR AIR FLOW



Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Pressure gauge (Statics Pressure Mono-Meter)
- U.V. Germicidal Tube in Work area
- Fluorescent Light on/off switch
- Inbuilt 15A Socket etc
- Manometer and On/Off Switch
- Wheel Fiber/PU wheel with front lockable for easy movement
- Document Test Certificate, Operating Manual and Warranty Card.

Optional Accessories



- Inner Temperature Monitoring System
- GMP/Standard Option available
- Carbon

Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder

Internal Size

(H*W*D)mtr.

EGCSLAF2S/M

610 x 610 x 630

EGCSLAF3S/M

610 x 914 x 630

EGCSLAF4S/M

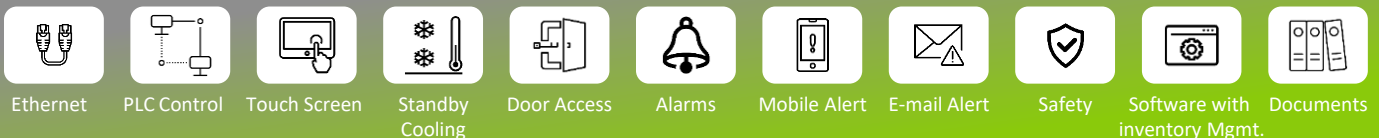
762 x 1200 x 630

EGCSLAF5S/M

915 x 1800 x 945

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Reverse Laminar Air Flow\ Dispensing Booth

Standard Equipment

Erfolg Ganar bring you a range of RLAF Unit offers proven filtering equipments, which is extensively used for filling, weighing, refilling and sampling of Raw Material. It is equipped with HEPA Filter, which is responsible for the prevention of the air born dust by down draught to protection for samples and processes.

The Reverse laminarity of the flow prevents cross contamination between the items handled in the working space.

Construction:

- STD Model inner of 304 SS grade mirror finish and Outer body made of MS Powder Coated Finish. GMP Model : Inner and outer of SS304 Grade.
- Vertical Model Vertical model filter flow front side.
- Blower Suitable motor blowing assemblies with Lubricated bearings.
- HEPA Filter 99.999% efficiency for Particles = 0.3 um(washable).
- Free Filter 85% efficiency for Particles = 0.5 um(washable).
- Work Table SS 304 and SS 304 Grade mirror finish
- Curtains with Front Opening.

Type of Laminar Air Flow:

- Horizontal Reverse Laminar Air Flow
- Vertical Reverse Laminar Air Flow



REVERESE LAMINAR AIR FLOW



Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Pressure gauge (Statics Pressure Mono-Meter)
- Fluorescent Light on/off switch
- Inbuilt 15A Socket etc
- Manometer and On/Off Switch
- Document Test Certificate, Operating Manual and Warranty Card.

Optional Accessories



- Inner Temperature Monitoring System
- GMP/Standard Option available
- Carbon

Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder

Internal Size

(H*W*D)mtr.

EGRLAF2S/M

610 x 610 x 630

EGRLAF3S/M

610 x 914 x 630

EGRLAF4S/M

762 x 1200 x 630

EGRLAF5S/M

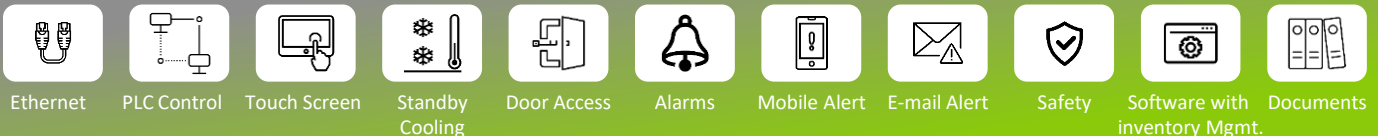
915 x 1500 x 945

EGRLAF6S/M

915 x 1800 x 945

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Static Pass Box

Standard Equipment

Erfolg Ganar bring you a range of Static Pass Box Unit offers proven protection for samples and processes.

Interlocking door mechanism is the prime feature of a pass box, when door at one side is open the door at other side remains closed

A pass box is designed in two different types; static and dynamic, it is the user specific requirement which decides the right design configuration. The difference between these two is explained as:

DYNAMIC PASS BOX (DPB): A dynamic pass box is fitted between classified and non-classified areas. Material is passed through vertically HEPA filtered air.

STATIC PASS BOX: Static pass box on the other hand is fitted only between two clean room areas and has no air supply or extract. It is also known as passive pass box and equipped with UV light.

Construction:

- STD Model inner & Outer of 304 SS grade mirror finish. GMP Model.
- LED Tube Light, UV Light with Indicator.
- Electromagnetic Interlocking System.
- Optional : Door Buzzer, UV Light Hour Meter



STATIC PASS BOX



Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Door Interlocking Facility
- UV Light on/off switch,
- LED Light on/off switch
- Document Test Certificate, Operating Manual and Warranty Card.

Optional Accessories



- Door Buzzer, UV Light Hour Meter

Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder

Internal Size

(H*W*D)mtr.

EGSPB2S

300 x 300 x 300

EGSPB3S

450 x 450 x 450

EGSPB4S

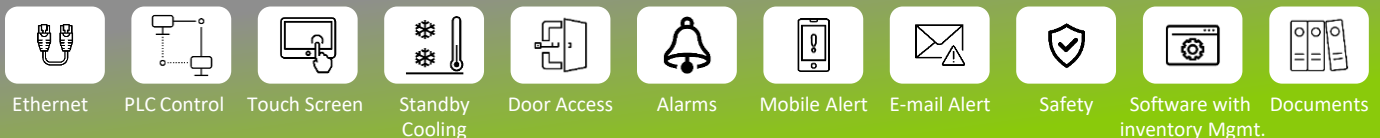
800 x 550 x 550

EGSPB5S

1200 x 650 x 650

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Dynamic Pass Box

Standard Equipment

Erfolg Ganar bring you a range of Dynamic Pass Box Unit offers proven protection for samples and processes. With international quality standard components including mechanically or electrically interlocked doors and UV light. These dynamic pass box equipment are equipped with suction filter made of stainless steel with 95% down to 5µ efficiency (EU-4rating) and supply filter made of aluminum with 99.999% down to 0.001 µ (EU-14 Rating.) Interlocking door mechanism is the prime feature of a pass box, when door at one side is open the door at other side remains closed

DYNAMIC PASS BOX (DPB): A dynamic pass box is fitted between classified and non-classified areas. Material is passed through vertically HEPA filtered air.

Construction:

- STD Model inner & Outer of 304 SS grade mirror finish. GMP Model.
- LED Tube Light, UV Light with Indicator.
- Electromagnetic Interlocking System.
- HEPA Filter Aluminium w/ 99.999% down to 0.001 µ (EU-14 Rating.) with pre filter of Stainless Steel w/ 95% down to 5 µ Efficiency (EU-4 Rating.)
- Back Curved Heavy Duty Blower.
- Hour Meter/ Magnehelic Pressure Gauge Digital/ Analog
- Noise Less then <70 Db
- Optional : Door Buzzer, UV Light Hour Meter, Indicator Lamp,
- Cleanliness: Class 100, Certificate CE & ISO



DYNAMIC PASS BOX



Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Door Interlocking Facility
- UV Light on/off switch,
- LED Light on/off switch
- Document Test Certificate, Operating Manual and Warranty Card.

Optional Accessories



- Door Buzzer, UV Light Hour Meter

Interior & Exterior are of stainless steel SS 304 & (SS 304)/MS Powder

Internal Size

(H*W*D)mtr.

EGDPB2S

300 x 300 x 300

EGDPB3S

450 x 450 x 450

EGDPB4S

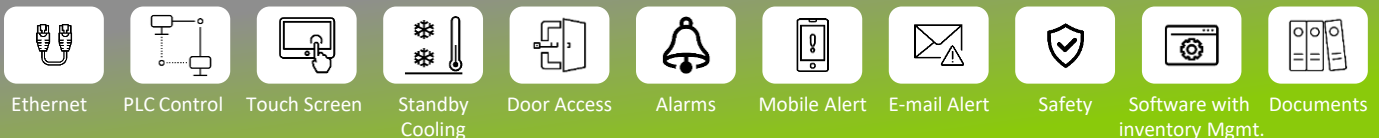
800 x 550 x 550

EGDPB5S

1200 x 650 x 650

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



FUME HOOD

Standard Equipment

Erfolg Ganar bring you a range of Fume Hood High efficiency, full duty Fume Hood in 2ft, 4ft, 5ft, 6ft width, our unit offers proven protection for samples and processes. Our Fume Design for Energy saving. The aerodynamic face opening with airfoil provides uniform air flow through fume chamber. The work area is continuously supplied with negative pressure.

Construction:

- Upper Part : Polypropylene material for all weather condition.
- Bottom Part: Tube Structure storage cabinet, Strong Loading condition.
- Movable door: 5 mm tempered glass, Hanging type cable connection. Good for sight checking and manual moving.
- Structure made of high quality PP Board, prefect for resisting corrosion & Heat.
- Sash: The full view vertical raising sash is manufactured of laminated safety glass with the sash set into an extruded, low turbulence PVC track that delivery smooth operation and steady sash positioning.
- Workshop: White PP, thickness 8mm, bending designed to avoid spilling over.

Type of Fume Hood:

- Walk in type Fume Hood
- Bench type Fume Hood

LTA FUME HOOD



Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Exhaust flux at air speed 0.5m/s 23.4CMM/840CFM
- Fluorescent Light with on/off switch
- Inbuilt 15A Socket etc
- Document Test Certificate, Operating Manual and Warranty Card.

Optional Accessories



- Sink/cup, Air Cocks, Water Cocks, Air Blower, Power Socket,
- Explosion Proof Lighting,
- Surface Wind detection
- Internal Temperature monitoring

Interior & Exterior are of PP /MS Powder

Internal Size

(H*W*D)mtr.

EGFH2M

610 x 610 x 630

EGFH3M

610 x 914 x 630

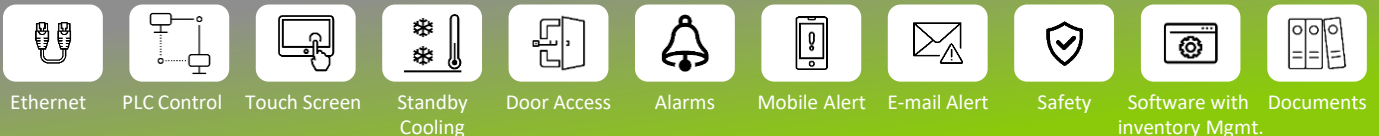
EGFH4M

762 x 1200 x 630

EGFH5M

915 x 1800 x 945

Features



ClassII-B2/A2Biological Safety Cabinets

Standard Equipment

Erfolg Ganar bring you a range of Biosafety Cabinet Safe, High efficiency, Ergonomic biosafety Cabinet in 3ft, 4ft, 6ft width, our unit offers proven protection for samples and processes. Our Biosafety Cabinet design for Energy saving. The aerodynamic face opening with airfoil provides uniform air flow through chamber. The work area is continuously supplied with negative pressure. Negative pressure plenum surrounds the contaminated positive pressure plenum. No fabric bags are used. Enables static pressure to be adjusted as filter loads to maintain airflow volume, Enables the cabinet to be sealed off during decontamination

Construction:

- Upper Part : Polypropylene material for all weather condition or SS 304 GMP model available.
- Bottom Part: Tube Structure storage cabinet, Strong Loading condition.
- Movable door: 5 mm tempered glass, Hanging type cable connection. Good for sight checking and manual moving.
- Structure made of high quality PP Board or SS frame, prefect for resisting corrosion & Heat.
- Sash: The full view vertical raising sash is manufactured of laminated safety glass with the sash set into an extruded, low turbulence PVC track that delivery smooth operation and steady sash positioning.
- Workshop: White PP, thickness 8mm, bending designed to avoid spilling over.



BIO SAFETY CABINET



Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Exhaust flux at air speed 0.5m/s 23.4CMM/840CFM
- Fluorescent Light with on/off switch
- Inbuilt 15A Socket etc
- Document Test Certificate, Operating Manual and Warranty Card.

Optional Accessories



- Sink/cup, Air Cocks, Water Cocks, Exhaust Air Blower, Power Socket,
- Surface Wind detection, Optional Anti Blowback Valve
- Internal Temperature monitoring

Interior & Exterior are of PP /MS Powder

Internal Size

(H*W*D)mtr.

EGBSC2M

610 x 610 x 630

EGBSC3M

610 x 914 x 630

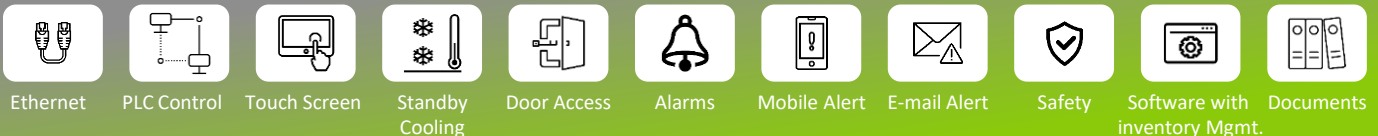
EGBSC4M

762 x 1200 x 630

EGBSC5M

915 x 1800 x 945

Features



ROPP Capping Machine

Standard Equipment

Erfolg Ganar leader in the design and manufacture of automatic instruments for the processing machinery and packaging machinery for various industries like dairy, pesticides, distilleries, Breweries, Lube packaging, Cosmetics & Toiletries, edible oil industry, food and ancillaries etc. of international standard at reasonable prices.

A wide range of high quality pharma equipment's and packaging equipment's with enhanced technology are available with us.

Our pharmaceutical machineries include filling machines for liquid and powder, washing machine, various types of labeling equipment's like sticker labelling, Self adhesive labeler, instruments for tablet, capping, ointment, bottle inspection instruments, turn table, blister packing and tablet press, liquid manufacturing plants, Vibrio sifters, storage vessels, lab scale machine, packing conveyors used in pharmaceutical and other industries.

Construction:

- Stainless Still Frame .
- Indexing System for bottle locating
- Touchscreen Operator Interface
- Simple Height Adjustment
- Cap Stores and chute for cap delivery

RCM

ROPP CAPPING MACHINE



Power supply: 230/415V volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



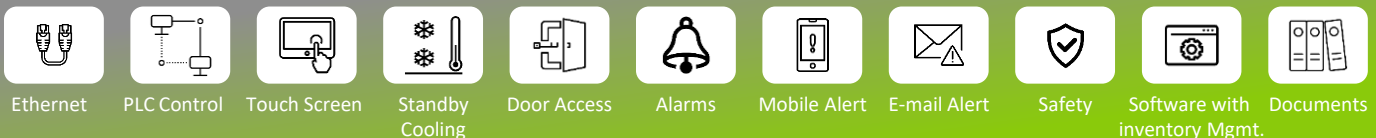
- No-CAP No Roll Head
- No Bottle, NO Cap vision system
- Single, Four Roll capping Head for ROPP Closure.
- Delta/Allen Bradley PLC System
- E-Stop Button

Optional Accessories



- Multi head Capping Single, Four Head depends upon requirement
- Ropp Capping of Screw on or Twist Off closures
- Custom capping head
- Multiple capping head
- Electrical Configuration to meet Power needs

Features



Labelling Machine

Standard Equipment

Erfolg Ganar leader in the design and manufacture of automatic instruments for the processing machinery and packaging machinery for various industries like dairy, pesticides, distilleries, Breweries, Lube packaging, Cosmetics & Toiletries, edible oil industry, food and ancillaries etc. of international standard at reasonable prices.

A wide range of high quality pharma equipment's and packaging equipment's with enhanced technology are available with us.

Our pharmaceutical machineries include filling machines for liquid and powder, washing machine, various types of labeling equipment's like sticker labelling, Self adhesive labeler, instruments for tablet, capping, ointment, bottle inspection instruments, turn table, blister packing and tablet press, liquid manufacturing plants, Vibrio sifters, storage vessels, lab scale machine, packing conveyors used in pharmaceutical and other industries.

Construction:

- Stainless Still Frame .
- Indexing System for bottle locating
- Touchscreen Operator Interface
- Simple Height Adjustment
- Cap Stores and chute for cap delivery

LM

LABELLING MACHINE



Power supply: 230/415V volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



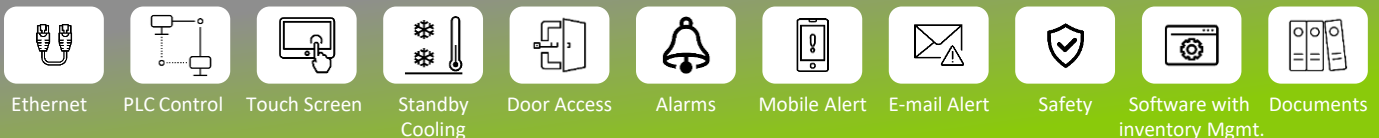
- Container diameter Range from 15mm to 400 mm
- Label Accuracy ± 1 mm
- Label thickness 0.035 -0.10mm as per requirement
- Output per minute: 5-300 bottle
- Bottle size : 5ml to 4000ml

Additional Features



- No Bottle, NO Label vision system
- Servo Drive System
- Single motor synchronizes conveyor
- Labelling counter easy to manage
- Labelling speed is synchronized with conveyors
- Delta/Allen Bradley PLC System
- E-Stop Button
- Touch screen photoelectric sensor (German)
- Self set auto adjusting control system

Features



Liquid Filling Machine

Standard Equipment

Erfolg Ganar leader in the design and manufacture of automatic instruments for the processing machinery and packaging machinery for various industries like dairy, pesticides, distilleries, Breweries, Lube packaging, Cosmetics & Toiletries, edible oil industry, food and ancillaries etc. of international standard at reasonable prices.

A wide range of high quality pharma equipment's and packaging equipment's with enhanced technology are available with us.

Our pharmaceutical machineries include filling machines for liquid and powder, washing machine, various types of labeling equipment's like sticker labelling, Self adhesive labeler, instruments for tablet, capping, ointment, bottle inspection instruments, turn table, blister packing and tablet press, liquid manufacturing plants, Vibrio sifters, storage vessels, lab scale machine, packing conveyors used in pharmaceutical and other industries.

Construction:

- Stainless Still Frame .
- Indexing System for bottle locating
- Touchscreen Operator Interface
- Simple Height Adjustment

LFM

LIQUID FILLING MACHINE



Power supply: 230/415V volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



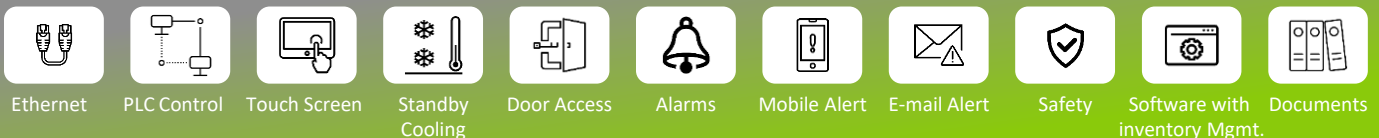
- Filling volume Range from 5ml to 5000 ml
- Filling Accuracy $\pm 0.5 \%$
- No of Heads: 2 to 72 as per requirement
- Output per minute: 5-450 bottle
- Fill size : 5ml to 4000ml

Additional Features



- No Bottle, NO Filling system
- Servo Drive System
- Single motor synchronizes conveyor, Star Wheel
- Vertical Driven Piston
- Digital control system to enable multiple filling action
- Designed for easy change over and cleaning.
- Filling zone protected by interlock guard for safety registration.
- Delta/Allen Bradley PLC System
- Adjustable speed while filling, it can fill slowly at the beginning and then accelerated to faster speed, Finally slow down to finish up.
- Touch screen photoelectric sensor (German)

Features



Leak Test Apparatus

Standard Equipment

Erfolg Ganar bring you a range of Leak Test Apparatus is a solid state instrument designed for the leakage testing of food, drug and other industrial chemical products. The instrument is used to test the quality of packing processes in strips, blisters and sachets containing tablets, granulates and liquids. They are also used to check that the seals enclosing the product are perfectly intact.

The unit contains a polycarbonate desiccator housing to sustain the vacuum for long time. A compact vacuum pump for creating high vacuum level in short time period is used.

Test samples to be analyzed are placed into the polycarbonate desiccator housing. A vacuum pump generates vacuum inside the desiccator. The vacuum generated is held for a pre-set time, and then released. The test samples being analyzed should retain their shape during this test, indicating the sealing is correct. Secondly the strip/bottles under test are immersed in a colored dye solution (normally Methylene Blue). The venting of the desiccators will allow any holes to be penetrated by the dye and the contents of the flexible packaging will also be stained with the same coloring material.

Vacuum Range: 150 to 650

LTA

LEAK TEST APPARATUS



Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Vacuum Range : 150 to 650 mm Hg
- Vacuum setting: 400 mm Hg \pm 10 mmHg for 30 Sec
- Desiccator: 6", 10", 12" (Please specify before order)
- Line LCD with Backlit
- Soft Touch Membrane Keys,
- Hold Time: upto 999 sec
- Power : AC 230V \pm 10%, 50Hz

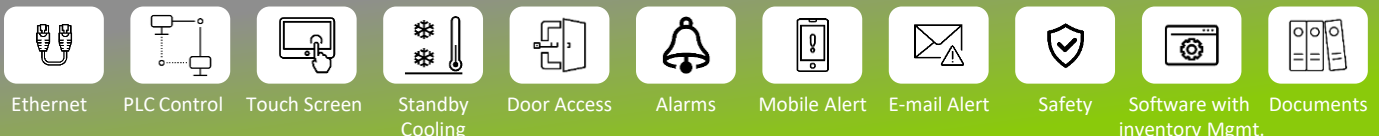
Accessories



- Main Apparatus along with vacuum pump
- Polycarbonate desiccator along with connecting tube
- Instruction Manual

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features



Tablet Disintegration Apparatus

Standard Equipment

Erfolg Ganar bring you a range of disintegration testers that will assist the laboratory researcher in analyzing and drawing results from all solid dosage forms such as tablets, capsules, pessaries and suppositories in a quick, efficient and accurate manner. The instrument complies with USP, IP, BP and Ph. Eur. Specifications, often these instruments are used in QC and IPQC laboratories

Temperature Range: ambient +5° C to 50° C



TABLET DISINTEGRATION APPARATUS



Product Features:

- Meets current specification of USP, IP, BP and other Pharmacopoeias.
- Specifically designed for use in the quality and production control of normal plain coated tablets & gelatin capsules.
- Molded clear acrylic water bath with illumination for better visibility.
- Programmable Temperature & Time
- External temperature sensors available for beaker.
- Provision to identify the position of disintegrated tablet with laser marked numbers on basket assembly.

Power supply: 230/415 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications



- Temperature Range : ambient +5°C to 50°C
- Temperature Accuracy : $\pm 0.2^{\circ}\text{C}$
- No Of Stations: 2 Nos
- Dip Speed: $30 \pm 1\text{DPM}$
- Stroke Length: $5.5 \pm 0.1\text{ cm}$
- Test Mode: Total time range 00.01 to 99.59 (hh:mm)
- Display: Lighted LCD Display

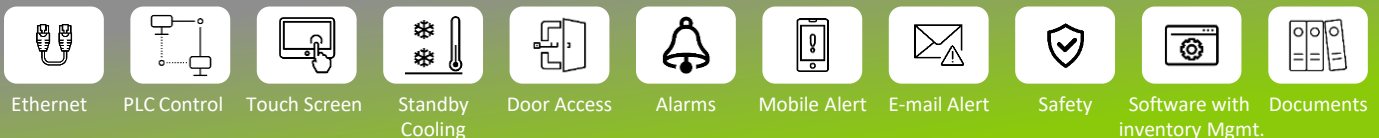
Optional Accessories



- 21CFR compliance Software for Data Monitoring
- Printer Facility

*Custom Build Chambers also available | * Models with Exterior powder coated GI sheet & Interior stainless steel (304) will be available on request.

Features

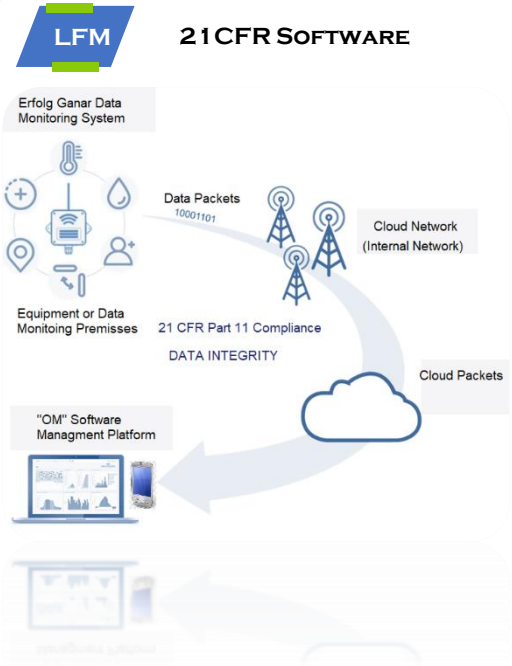


21 CFR Software Features

Standard Software

Erfolg Ganar certified that "LMAS 1.0" software is GAMP 3 category software and is designed to provide software capabilities in accordance with the US FDA CFR21 part11 for Electronic data integrity as set by the US FDA for storing and protecting electronic data and applying E-Signatures. As it is commonly called, defines the criteria under which electronic records and electronic signatures are considered trustworthy, reliable, and equivalent to paper records.

- 21 CFR Brower base software.
- Online Display of Process Values & Stored Records in Graphical & Tabular Forms with Alarm Indications
- SMS and/or Email Alerts on Alarm Conditions
- Mean Kinetic Temperature (MKT) Computation
- Automatic Periodic Downloading of Records Stored in Controller
- Access Control According to Authority Level
- User Actions with Signing & Authorization
- Automatic Password Expiry
- Manual & Auto Back-up Facility with Archiving
- Data Log Reports with User Configurable Title, Footer & Header
- Data Log Report, Alarm Log Report, History Graph & Audit Trail Report in PDF & formats
- Audit Trail History of Critical Events & User Actions



Power supply: 230/415V volts 50 Hz main supply. Also available with 60 Hz Cycle.

Specifications

- Web base software 21 CFR part 11 compliance
- Single License for multiple equipment's.
- Online Easy Service Support.
- 24 X 7 Support Team.

Additional Features

- Connection Module for Inventory Management in Same Software
- IOT Compatible
- IOT Connectivity at Client Premises.
- Compatible With Normal PC Configuration
- Easy to operate, E-Signature, Paperless



Features

