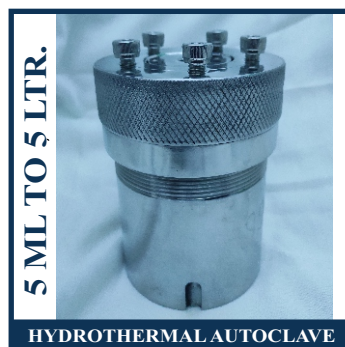


One Stop for **Innovative** Solution





HARRIER ENTERPRISES

An ISO 9001:2015 Certified Company / CE & GMP

Mission & Vision

Our Mission is to emerge as a preferred vendor for laboratory instruments in the domestic as well as international markets. We would also develop a complimentary range of laboratory consumables in our product portfolio.

While in this wonderful journey we want to enhance our marketing capabilities, continuously improve our quality and services.

📍 House No. 210, 1st Floor, Block-I, SDV Lakkarpur,
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Certificate of Registration (Quality Management System)

QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Quality Management System of
HARRIER ENTERPRISES

FIRST FLOOR, BLOCK-I, H.NO-210, SDV LAKKARPUR, POLE FACTORY,
FARIDABAD- 121009, HARYANA (INDIA)

Has been found to be of the Quality Management System Standard
ISO 9001:2015

This certificate is valid for the following product or service range

Manufacturer of Furnace 900°C To 1700°C, Vacuum Furnace 900°C To 1700°C, Split Furnace 900°C To 1700°C,
Tube Furnace 900°C To 1700°C, CVD System, Oven, Hot Air Oven, Vacuum Oven, Spin Coating Unit,
Hydrothermal Autoclave, Autoclave (Horizontal & Vertical), Fume Hood, Laminar Air
Flow, Biosafety Cabinet, Photochemical Reactor, Orbital Incubator Shaker,
Water Bath, Chiller, And Scientific & Laboratory Equipment, Testing
Equipment, And Pharmaceutical Machine, R&D Laboratory
Equipments, And Related Industrial Equipments.

Certificate Number: IS/2202HN/4191

1st Surv. Due on: **01.02.2023**

Initial Date of Certification: **02.03.2022**

2nd Surv. Due on: **01.02.2024**

Date of Certificate: **02.03.2022**

Date of Expiry: **01.03.2025**

Director:

Date: **02.03.2022**



The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by QFS. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and QFS terms and conditions.

QFS MANAGEMENT SYSTEMS LLP

A-27/H, Sector-16, Noida-201301, U.P., India
www.qfscerts.com
email: admin@qfscerts.com

This Certificate remains the property of QFS



CERTIFICATE

Issued in authentication with the requirements of the applicable directive(s), as amended, we certify that the Technical Documentation of the products, drawn by the Applicant, is in compliance with the specified Directives and Standards. It complies with all the essential health, safety and environment protection requirements from all the directives that applies to its product.

Certificate No. : ICE/2202HN/3059

Date of Certificate : 02.03.2022

Certificate Expiry Date : 01.03.2025

Manufacturer : **HARRIER ENTERPRISES**
FIRST FLOOR, BLOCK-I,
H.NO-210, SDV LAKKARPUR,
POLE FACTORY,
FARIDABAD- 121009, HARYANA (INDIA)



Products : Manufacturer of Furnace 900°C To 1700°C, Vacuum Furnace 900°C To 1700°C, Split Furnace 900°C To 1700°C, Tube Furnace 900°C To 1700°C, CVD System, Oven, Hot Air Oven, Vacuum Oven, Spin Coating Unit, Hydrothermal Autoclave, Autoclave (Horizontal & Vertical), Fume Hood, Laminar Air Flow, Photochemical Reactor, Orbital Incubator Shaker, Water Bath, Chiller, And Scientific & Laboratory Equipment, Testing Equipment, And Pharmaceutical Machine, R&D Laboratory Equipments, And Related Industrial Equipments.

Applicable Directive : 2006/95/EC

The technical documentation show that the product complies with the essential safety requirements recognized as giving presumption of compliance with the essential requirements in the listed EU Directives. The technical Documentation of the products relate only to the products listed in this certificate issue on the basis of self declaration. Any significant modification will make this certificate invalid. The product liability rest with the manufacturer or his representative in accordance with the council directive: 98/79/EC.





(Approved By)

International Benchmarking & Certifications

U-60, 3rd Floor, Shakarpur, Delhi-110092 (India)

Web: www.international-benchmarking.com

Email: admin@international-benchmarking.com



Certificate of Compliance

issued to

HARRIER ENTERPRISES

having been assessed by International Benchmarking and Certifications for compliance is certified to be registered in the List of Registered Organizations with regard to the standard and scope of supply as detailed below from their site: **FIRST FLOOR, BLOCK-I, H.NO-210, SDV LAKKARPUR, POLE FACTORY, FARIDABAD- 121009, HARYANA (INDIA)**

WHO-GMP

(Good Manufacturing Practice System)

For the following scope: Manufacturer of Furnace 900°C To 1700°C, Vacuum Furnace 900°C To 1700°C, Split Furnace 900°C To 1700°C, Tube Furnace 900°C To 1700°C, CVD System, Oven, Hot Air Oven, Vacuum Oven, Spin Coating Unit, Hydrothermal Autoclave, Autoclave (Horizontal & Vertical), Fume Hood, Laminar Air Flow, Biosafety Cabinet, Photochemical Reactor, Orbital Incubator Shaker, Water Bath, Chiller, And Scientific & Laboratory Equipment, Testing Equipment, And Pharmaceutical Machine, R&D Laboratory Equipments, And Related Industrial Equipments.

Certificate Number: GM/2202HN/3058

Date of Certificate: 02.03.2022

Date of Expiry: 01.03.2025

1st Surveillance Due on: 01.02.2023

2nd Surveillance Due on: 01.02.2024

Director:

Date: 02.03.2022

This Certificate is issued in accordance with the procedures for certificate registration and is valid only until the date of expiry or earlier if so advised, in writing to the certificated organization by IB&C. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and IB&C Terms and Conditions. This is an accredited Certificate authorized for issue by the Quantas Accreditation Body For Certification Bodies in accordance with ISO 17021 "Conformity Assessment Requirements for bodies providing certification of management systems." Certificate holders are listed in the Register of IB&C clients.



International Benchmarking & Certifications

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	OUR OTHER PRODUCTS & ACCESSORIES

Some of Our Clients



HIGH TEMPERATURE MUFFLE FURNACE (1800°C)

Model : HE-MF – 1700P
Maximum Temp. : 1700°C
Working Temp. : 1600°C
Temp. Accuracy : ±1°C
Heating Elements : Molybdenum Disilicide (MoSi2) heating elements, easily replaceable
Power Supply : 415 volts, 3 phase AC supply.

Model	Inner Size = (W x H x D)
HE-MF-2	100 x 100 x 225 mm
HE-MF-4	125 x 125 x 250 mm
HE-MF-7	150 x 150 x 300 mm
HE-MF-12	200 x 200 x 300 mm



PROGRAMMABLE MUFFLE FURNACE : (1500°C)

Model : HE-MF – 1400P
Maximum Temp. : 1400°C
Working Temp. : 1350°C
Temp. Accuracy : ±1°C
Heating Elements : Silicon Carbide, with end connection, easily replaceable
Power Supply : 220 volts, single phase AC supply.

Model	Inner Size = (W x H x D)
HE-MF-2	100 x 100 x 225 mm
HE-MF-4	125 x 125 x 250 mm
HE-MF-7	150 x 150 x 300 mm
HE-MF-12	200 x 200 x 300 mm
HE-MF-19	200 x 200 x 450 mm



MUFFLE FURNACE : 600°C to 1200°C

Model : HE-MF – 1200P
Maximum Temp. : 1200°C
Working Temp. : 1150°C
Temp. Accuracy : ±1°C
Heating Elements : Heating Element are made of KANTHAL "A-1" wire in coil form.
Power Supply : 220 volts, single phase AC supply.

Model	Inner Size = (W x H x D)
HE-MF-2	100 x 100 x 225 mm 2.5 K.W
HE-MF-4	125 x 125 x 250 mm 3.0 K.W
HE-MF-7	150 x 150 x 300 mm 4.0 K.W
HE-MF-12	200 x 200 x 300 mm 5.0 K.W
HE-MF-19	200 x 200 x 450 mm 8.0 K.W
HE-MF-28	300 x 300 x 300 mm 8.0 K.W
HE-MF-56	300 x 300 x 600 mm 12.0 K.W



SPLIT TUBE FURNACE: THREE ZONE (1800°C/1400°C/1200°C)

Model : HE-STF (1700P/1400P/1200P)
Maximum Temperature : (1700°C/1400°C/1200°C)
Working Temp. Range : (1600°C/1350°C/1150°C)
Temp. Accuracy : ±1°C
Heating Elements : Molybdenum Disilicide (MoSi₂) / Silicon Carbide / Kanthal "A1" Wire.
Tube Size : Inner Dia. = 65 mm / Length (Hot Zone 1 / Hot Zone 2 Hot Zone 3) = (200 mm)
Power Supply : 220 Volts, single phase AC supply.
 415 Volts, Three phase AC supply.

Temperature = 1700°C

Temperature = 1400°C

Temperature = 1200°C



SPLIT TUBE FURNACE: TWO ZONE (1800°C/1400°C/1200°C)



Model : HE-STF (1700P/1400P/1200P)
Maximum Temperature : (1700°C/1400°C/1200°C)
Working Temp. Range : (1600°C/1350°C/1150°C)
Temp. Accuracy : ±1°C
Heating Elements : Molybdenum Disilicide (MoSi₂) / Silicon Carbide / Kanthal "A1" Wire.
Tube Size : Inner Dia. = 65 mm / Length (Hot Zone 1 / Hot Zone 2)
Power Supply : 220 Volts, single phase AC supply.
 415 Volts, Three phase AC supply.

Temperature = 1700°C

Temperature = 1400°C

Temperature = 1200°C

SPLIT TUBE FURNACE: SINGLE ZONE (1800°C/1400°C/1200°C)

Model : HE-STF (1700P/1400P/1200P)
Maximum Temperature : (1700°C/1400°C/1200°C)
Working Temp. Range : (1600°C/1350°C/1150°C)
Temp. Accuracy : ±1°C
Heating Elements : Molybdenum Disilicide (MoSi₂) / Silicon Carbide / Kanthal "A1" Wire.
Tube Size : Inner Dia. = 65 mm / Hot Zone Length 300 mm
 Overall length = 700 mm
Power Supply : 220 Volts, single phase AC supply.
 415 Volts, Three phase AC supply.

Temperature = 1700°C

Temperature = 1400°C

Temperature = 1200°C



VERTICAL SPLIT TUBE FURNACE (1200°C/1400°C/1700°C)

Model : HE-VSTF (1700P/1400P/1200P)
Maximum Temperature : (1700°C/1400°C/1200°C)
Working Temp. Range : (1600°C/1350°C/1150°C)
Temp. Accuracy : ±1°C
Heating Elements : Molybdenum Disilicide (MoSi₂) / Silicon Carbide / Kanthal "A1" Wire.
Tube Size : Inner Dia. = 65 mm / Hot Zone Length 300 mm
 Overall length = 700 mm
Power Supply : 220 Volts, single phase AC supply.
 415 Volts, Three phase AC supply.

Temperature = 1700°C

Temperature = 1400°C

Temperature = 1200°C



CYLINDRICAL TUBE FURNACE (1200°C / 1400°C)



Model : HE-CTF - 1200P / 1400P
Maximum Temperature : 1200°C / 1400°C
Working Temp. Range : 1150°C / 1350°C
Temp. Accuracy : ±1°C
Heating Elements : Kanthal "A1" Wire.
Tube Size : Inner Dia. = 65 mm / Hot Zone Length 300 mm
 Overall length = 700 mm
Power Supply : 220 Volts, single phase AC supply.

Temperature = 1400°C

Temperature = 1200°C

PROGRAMMABLE SPIN COATING UNIT :-

Model : HE-SC - 9999P

Polypropylene Working Chamber (removable), size 6-inch dia, with transparent photo resist lid with interlock safety switch.
 500 - 9999 RPM
 Accuracy < ±0.5% of Full Speed Microprocessor Programmable Speed control with respect to time
 Vacuum Chuck : Teflon Made circular substrate holders of Dia 0.5" 1.0", 1.5", 2.0".

RPM - 8000

RPM - 9999

OPTIONAL VACUUM PUMP

Vacuum Pump: Direct Drive, double stage rotary vacuum pump.
 Motor 14 HP Max. Vacuum = 730 mm Hg=97.33 kPa=30 torr



ACCESSORIES FOR VACUUM & TUBE FURNACE

01 A	Quartz Tubes (for upto 1400°C application)
01 B	Quartz Tubes (for upto 1050°C application)
01 C	80% Alumina Tubes (for upto 1400°C application)
01 D	99.7% Alumina Tubes (for upto 1800°C application)
01 E	Vacuum System : With Rotary vacuum pump of capacity 200lt/min, fitted with SS below and KF 25 Connector. With air admittance insulation valve, suitable for vacuum upto 10-2m Bar.
01 F	High Pressure Analog Pirani Gauge
01 G	Refrigerated Circulating Bath (Chiller)
01 H	Rotameter -Acrylic body 6"to8" long Range: 1LPM to 10LPM,
01 I	MFC With Digital Display Flow Range upto 0 - 500 SCCM
01 J	Alumina Boat 30 ml
01 K	Alumina Crucible 30 ml
01 L	Alumina Tray 30 ml
01 M	Agate Pestle & Mortar 4"
01 N	Agate Pestle & Mortar 5"
01 O	Gas Cylinder (47 Ltrs.) for gas (Nitrogen / Argon)
01 P	Gas Regulator (For any Gas)

VACUUM FLANGE



SS Or Aluminum Flanges with Viton O-Ring & Vacuum Gauge for Vacuum or Gas purging application
Harrier Offer matching stainless steel or Aluminum flanges. These flanges are made as per tube dimension to avoid any leakage of vacuum or gas during application.

All Dimensions are in mm.
 Tolerance beyond 24 mm OD to 100 mm OD: + 0.5 to 1 mm in OD and ID

DEEP FREEZER (-20°C / -40°C / -86°C)

Key Specifications/ Special Features:

- 40°C freezer, medical deep freezer machine, plasma freezer, upright display freezer Applied to scientific research institutes, the electronics industry, chemical industry, hospitals, health and prevention system, university laboratories, military enterprises.

Control System:

Microprocessor-based temperature controller, (0°C ~ - 20°C) (0°C ~ - 40°C), (0°C ~ - 86°C) can be set freely, Controlling Precision is 1°C, Digital temperature display Keyboard lock and password protected configuration page, Delayed start and safe stop interval between restart and being terminated Audible and visual alarm: High or low temperature alarm, Power supply: 220V /50Hz Single phase.

Refrigeration System:

Imported Danfoss compressor, Two compressors in parallel connection, to reduce noise and improve the cooling temperature come to - 40°C steady. Fan electromotor with internationally famous of Germany EBM Unique refrigeration circulation and unipolar compressor oil-lubricated technology Patent technology of mixture refrigerant, which composed of R134a, CFC free.



0°C to (-20°C)	
(W x D x H)	Capacity
2ft x 2ft x 2ft	226 Ltrs.

0°C to (-40°C)	
(W x D x H)	Capacity
2ft x 2ft x 2ft	226 Ltrs.

0°C to (-86°C)	
(W x D x H)	Capacity
2ft x 2ft x 2ft	226 Ltrs.

DIRECT DRIVE ROTARY VACUUM PUMP

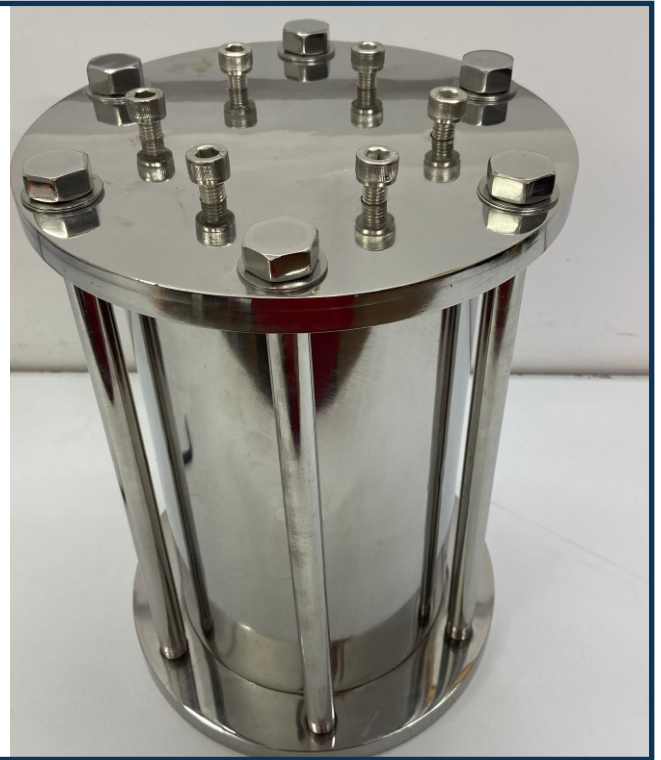
Specification:

Direct Drive, Double stage, Oil sealed air, Rotary High vacuum Pumps belonging to series HD2 are direct driven version of our widely popular V-Belt Driven , Single/ Double Stage, Air / water cooled, oil sealed Rotary High Vacuum Pump



Model No.	Air Displacement		Vacuum mm Hg	Suction port Size	Oil Charge Ltrs.	Weight Kgs.	Motor	
	m3 / hr	rpm					hp	rpm
HE-D2-50	3	50	0.02	1/4"	0.5	12	0.25	2880
HE-D2-100	6	100	0.002	KF 25	0.8	24	0.33	1440
HE-D2-150	9	150	0.002	KF 25	1	30	0.75	1440
HE-D2-250	15	250	0.002	KF 25	1.1	32	0.75	1440
HE-D2-350	21	350	0.002	KF 25	2	42	1	1440

HYDROTHERMAL AUTOCLAVE



Description:

The Hydrothermal Autoclave Reactor use to carry hydrothermal reaction at high pressure and high temperature. Hydrothermal synthesis reactor generally comes in a two variety; the first is Polytetrafluoroethylene (PTFE) lined hydrothermal autoclave reactors. Hydrothermal reactor mainly made up of two parts; outer high-quality stainless-steel (304 & 316 Customer on Demand) jacket and inner PTFE liner chamber. In the Teflon-lined autoclave, the reaction is carried out at maximum 260°C (500 Fahrenheit), while the working temperature is 260°C (500 Fahrenheit). This product extensively used in the scientific laboratory, research and development labs, institutional organizations, quality analysis section in industries etc.

"Hydrothermal Autoclave different sizes can be also made.

Model	HE-HA -10	HE-HA -25	HE-HA -50	HE-HA -100	HE-HA -200	HE-HA -250	HE-HA -500	HE-HA -1000
Size	10 ml	25 ml	50 ml	100 ml	200 ml	250 ml	500 ml	1000 ml

Warranty: 1 Years SS Parts & 1 Year PTFE

⚠ Never use Hydrothermal Autoclave in Muffle Furnace.

PROGRAMMABLE VACUUM OVEN :-

Model : HE-VO - 250

Temp. Range : Ambient to 250°C

Temp. Accuracy : ±1°C.

Model	Inner Size = (Dia x Depth)	Price
HE-VO	250 x 300 mm	1,48,700/-
HE-VO	300 x 375 mm	1,83,700/-

OPTIONAL VACUUM PUMP

Vacuum pump, double stage rotary, oil filled.

Capacity = 75lt/ min, Motor 0.5 HP, with solenoid valve



HOT AIR OVEN (PROGRAMMABLE)

Temperature range	: Ambient +5°C to 300°C
Temperature accuracy	: ±1°C or better
Temperature sensor	: RTD Pt100
Temperature controller	: PID temperature controller Display of SV & PV
Construction	: Double walled
Inner chamber	: Stainless steel 304
Exterior	: Powder coated GI sheet
Insulation	: Ceramic Wool
Shelves	: Chrome plated wire mesh cable trays (removable)
Door	: Insulated solid door with spring latch
Door gasket	: Silicone Gasket
Air circulation	: Motor driven blower assembly
Safety	: Over temperature thermostate
Power supply	: 220 Volts / 50 Hz

S.No.	Model	Size of inside Chamber (Width x Ht. x Depth)	Tray
A.	HE-HAO-27	300x300x300mm (12"×12"×12")	2
B.	HE-HAO-43	350×350×350mm (14"×14"×14")	2
C.	HE-HAO-91	450×450×450mm (18"×18"×18")	2
D.	HE-HAO-122	450×600×450mm (18"×24"×18")	2
E.	HE-HAO-216	600×600×600mm (24"×24"×24")	2
F.	HE-HAO-243	600×900×450mm (24"×36"×18")	3
G.	HE-HAO-486	600×900×600mm (24"×36"×24")	3

ORBITAL INCUBATOR SHAKER

Model	: HE-OIS - 125
Working Capacity	: 125 ltr.
Temp. Range	: 5°C to 60°C
Temp. Control	: PID Microprocessor Based
Temp. Accuracy	: +0.1°C -0.4°C
Shaking Speed	: Variable Microprocessor Controlled
Speed Range	: 30 to 300 rpm. ±1 rpm
Platform Size	: 45 x 45 cm.
Clamp for Conical flasks	: 6 Flasks x 500ml/ 10 Flasks x 100ml. 8 Flasks x 250 ml.
Power Supply	: 220 Volts, 50 HZ, AC single phase supply.



B.O.D. INCUBATOR

Model	: HE – BOD - 170
Capacity	: 170 L
Temp. Range	: 5~60°C
Temp. Fluctuation	: ±0.5°C
Temp. Uniformity	: ±1°C at 37°C
Shelves	: 2pcs/adjustable
Time Range	: 0~99h
Refrigerant	: R134a (CFC free, eco-friendly)
Working Type	: Continuous
Standard Accessories	: BOD socket, built-in printer, 2 test ports, lock
Consumption	: 1450W
Power Supply	: AC 220V, 50/60Hz

HYDRAULIC PRESS (HAND OPERATED)

Model : HE-HP - 10

Compact Laboratory Hydraulic Press Capable of Producing force about, 10 Ton, Hand-Operated commonly used for Die Pellet with Pressure gauge, and lever without Die.

OPTIONAL HYDRAULIC PRESS DIE :

Size :		Size :
6 mm		15 mm
8 mm		25 mm
11 mm		50 mm



CIRCULATING BATH CHILLER



MODEL	HE-RCBC
Make	HARRIER
Temperature Range	(-10°C to 40°C) Optional: (-20°C to 100°C / -30°C to 100°C)
Temperature Accuracy	± 1°C
Temperature Fluctuation	± 0.05°C
Display	LCD
Refrigeration	Air Cooled refrigeration through compressor
Refrigerant	R-134a
Pump circulation	Internal & External
Temperature sensor	Pt100
Pump flow rate	6 L /min
Power Requirements	220VAC/50Hz

Liquid to be used : 5°C and below Alcohol, 5°C ~85°C Pure Water, 85°C ~95°C - 15% Glycerin water solution

S. No.	Working Size (W x D x H)	Model
1.	170 x 310 x 200 mm	HE-RCBC-8
2.	225 x 350 x 200 mm	HE-RCBC-12
3.	250 x 250 x 250 mm	HE-RCBC-15
4.	500 x 250 x 250 mm	HE-RCBC-30

VERTICAL AUTOCLAVE

Working Size (DIA x DEPTH)	Ltrs.
250 x 450 mm (10 x 18)	22
300 x 500 mm (12 x 20)	40
350 x 550 mm (14 x 22)	50
400 x 600 mm (16 x 24)	75
550 x 750 mm (22 x 30)	178

Optional Accessories

- Fully stainless steel construction (GMP)
- Up to 134°C temperature range
- PID temperature controller cum timer with alarm (buzzer)
- PLC with HMI interface with data logging
- 21 CFR Part 11 software
- Thermal Printer
- Lower water cut-off



FUME HOOD

Fume Hood is used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapors and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.



Working Size (L x W x H) feet:-

2 x 2 x 2

3 x 2 x 2

4 x 2 x 2

6 x 2 x 2

BIOLOGICAL SAFETY CABINET

100% Air Exhaust Cabinet Three protection: operator, sample and environment. Airflow system: 0% air recirculation, 100% air exhaust A Class II B2 BSC, also called a total exhaust cabinet, is necessary when significant amounts of radionuclides and volatile chemicals are expected to be used.

Working Size (L x W x H) feet:-

2 x 2 x 2

3 x 2 x 2

4 x 2 x 2

6 x 2 x 2



LAMINAR AIR FLOW (HORIZONTAL / VERTICAL)

Working Size (L x W x H) feet:-

2 x 2 x 2

3 x 2 x 2

4 x 2 x 2

6 x 2 x 2



Laminar Flow Cabinet is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

PHOTOCHEMICAL REACTOR SETUP

MAKE: - **HARRIER ENTERPRISES**

Photo catalytic Reactor with triple jacketed with 3 port to insert catalyst, Sample draw and one for additional use like temperature sensor etc. Outer jacketed made of borosilicate glass extra cooling jacket for water circulator with two port inlet and outlet port made of quartz inner jacketed quartz immersion well Capacity – 1000 ml max, also we have different capacity from 100 ml to 5000 ml.

UV –VIS Lamp source UV Lamp specially designed for photocatalytic Reactor Different wattage of lamp available such as,250,450, 1000 watts, you can choose any one or all, the price mentioned is for one lamp



JAR ROLLER MILL

1. Compact structure, easy operation
2. High efficiency and uniform granularity
3. Milling pots in different sizes can be put on the driven rubber roller within a certain range by means of adjusting space between the rubber rollers.
4. It is convenient to change pots and suitable for both wet and dry grinding.

Power Supply	Rotate Speed
220 Volts Single Phase AC Supply	60-300 rpm

DIGITAL ULTRASONIC CLEANER (SONICATOR)

- o Heating Temperature : 80°C
 - o Frequency : 40 KHZ
 - o Inner Tank Material : SS204
 - o Outer Tank : SS204
 - o Inner Tank & Outer body made of Stainless Steel
 - o Digital RED LED Display
 - o Temperature with timer function
 - o Ceramic heaters provides improved heating effect
 - o Drainage and cool fan available in 6L to 25L Overheat protector, Cooling fan
- Moisture-proof PCB User friendly High-performance transducers.



MODEL	HE-UC-3	HE-UC-6	HE-UC-9	HE-UC-12	HE-UC-25
Tank Capacity (Approx.)	2.5L	5L	8L	11L	24L
Tank Size (mm)	240x140x100	300x155x150	300x240x150	330x300x150	500x300x200
Overall Size (mm)	270x170x240	330x270x310	330x270x310	360x330x310	550x330x360
Ultrasonic Power	100W	200W	200W	300W	500W
Heating Power	100W	300W	300W	400W	500W

PROBE SONICATOR

- ✦ **Model : HE-Pro-650**
- ✦ Touch Screen Display
- ✦ Large LCD Display with time Setting
- ✦ Microprocessor Controlled and completely programmable
- ✦ User Password Protection available
- ✦ Variable Power output control
- ✦ Data Memory - 20 groups



MAGNETIC STIRRER (WITH HOT PLATE)



- Model** : HE-MSHP-280P
- Temp. Range** : RT – 280
- Speed range [RPM]** : 0-1500 Speed display : LED
- Work plate material** : Stainless steel
- Temperature range [Co]** : RT – 280
- Motor type** : DC Motor

PH METER -3 POINTS

- ✦ **Model : HE-MPH-10**
- ✦ Simultaneous display of pH & temp.
- ✦ Automatic Temperature Compensation
- ✦ Hold, Reset, Auto off Function
- ✦ USA, NIST buffer option
- ✦ Help message on screen
- ✦ 3 points Calibration
- ✦ Big LCD display
- ✦ Auto buffer recognition



WATER BATH RECTANGULAR

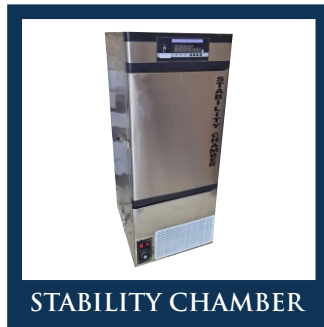
Model	W	H	D	
HE-WBR-8	330	250	100 mm	With 6 holes of 75mm dia
HE-WBR-14	350	400	100 mm	With 12 holes of 75mm dia



Double walled chamber made of Stainless Steel 304 and outer wall of thick mild steel sheet duly finished in attractive powder coating paint. The gap between outer and inner walls is filled with special grade Ceramic wool insulation. The concentric rings are of S.S. 304. The temp is controlled by reputed make capillary thermostat from 5°C above room temp. to 90°C. Suitable to operate on 220V, 1ph, 50 Hz, AC supply.



AUTOCLAVE



STABILITY CHAMBER



HOT AIR OVEN



INDUSTRIAL HYDROTHERMAL



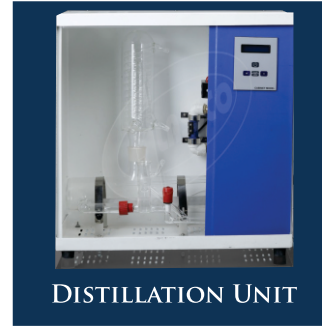
B.O.D. INCUBATOR



MORTUARY CHAMBER



DEEP FREEZER



DISTILLATION UNIT



BALL MILL



BOMB CALORIMETER



DOUBLE BEAM UV-VS SPECTROMETER



PELLET MAKING DIES



AGATE MORTAR & PESTLE (GRAY)



QUARTZ TUBE

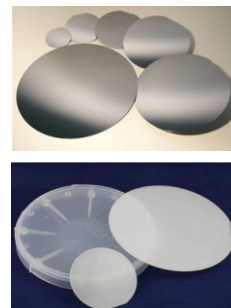
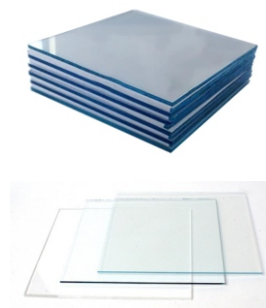
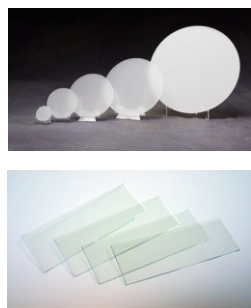
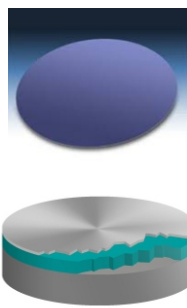
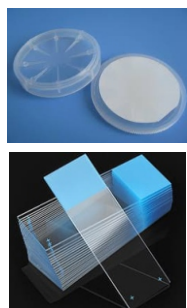


ALUMINA TUBE



ALUMINA LABWARE

All types of imported substrates/wafers from reliable source



HARRIER ENTERPRISES

Make: H.E. An ISO 9001 - 2015 / GMP / CE / IEC / UDYAM Registered)

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