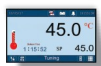


HOT AIR OVEN 300



KEY FEATURES



User-Interactive & Informative
TFT Color Touch Display



21 CFR Complaint Software
with PC Interface



Data Record with Mapping
(5 Channels)



Email Notifications For Alarms



Process & Event Alarms



Intuitive Design with Low-Heat
Dissipation



In-Built Programmable Timer



Fast & Precise Heating Operations



Password Protected Door Locking
Mechanism



Standby Sensor & Gadgets Option
Available

FEATURES CONTD...

- In-Built Programmable Timer
- Digital Thermostat Based Safety
- Intelligent Door-Open Sensing with Alarm
- Robust Build Quality & Compact Foot-Print
- External Port for Alarm & Acknowledgement
- Very User-Friendly and Informative User Interface
- Date-Time Stamped Process & Event Data Recording
- Online / Offline Data Recording With Date-Time Stamping
- Comprehensive Alarm System (Process Deviations, Door Open, Mains Fail)
- Uniquely Designed Triple Walled Body System with Latent-Dissipation Technique for Minimal Heat Dissipation
- 7" TFT, 65536 Color Touch Screen Display with Touch Life of more than One Million Operations
- Mains Fail Alarm: Alarm on Change-over from Mains Power to Alternate Power Source (Battery, Inverter, etc.)

TECHNICAL SPECIFICATION

Pt SERIES	MODELS	EPHH-42	EPHH-90	EPHH-210	EPHH-320	EPHH-500
DIMENSIONS	CAPACITY (L)	42	90	210	320	500
	INNER CHAMBER (W x D x H) mm	350 x 350 x 350	450 x 450 x 450	600 x 600 x 600	600 x 600 x 900	650 x 650 x 1200
ACCESSORIES	TRAY	1	2	2	3	4
POWER SUPPLY%	1P, 230 VAC, 50Hz	1750 W	2250 W	2750 W	3300 W	--
	3P, 440 VAC, 50Hz	--	--	--	--	4850
TEMPERATURE SENSOR	RANGE	Ambient +7°C to +300°C				
	RESOLUTION	0.1°C				
	ACCURACY	± 1°C				
CONTROLLER	PID CONTROLLER	7" TFT Color Touch Intelligent Micro-PLC Based, Tuned PID Temperature Controller				
	UPS SUPPLY	Separate UPS Supply Line dedicated for Controller for Uninterrupted Data Recording				
AIR CIRCULATE	BLOWER	Blower is Designed with Parallel Air Flow Circulation to Provide Uniform Temperature Distribution across the entire Chamber				
INSTRUMENT MOC	INNER CHAMBER	Inner Chamber Made of SS304 Grade				
	MIDDLE CHAMBER	Middle Chamber Made of Powder Coated CRCA Sheet				
	OUTER CHAMBER	Outer Chamber Made of Powder Coated CRCA Sheet				
	DOOR	Outer Side Made of Powder Coated CRCA Sheet & Inner Side Made of SS304				
	INSULATION	Insulation Between Inner and Middle Chamber is Filled with High Grade Ceramic Wool Insulation with a gap of 65mm				
	GASKET	Ceramic Based Gasket is Provided for the Door to Avoid Air Leakage				
	VALIDATION PORT / DUCTING	Stainless Steel Validation Port / Duct is Provided on the Top Side of the Instrument				
	TRAYS	Mesh Type Removable Stainless Steel Trays with User Adjustable Spacing Between Trays				
SAFETY	OPERATIONAL SAFETY	Safety Door Sensor for Operational Cut-Off to Retain Temperature Inside Chamber				
	ELECTRICAL SAFETY	Electro-Magnetic Interference Filter, Leakage Current Protector, Fast Acting Fuse / MCB (Based on Capacity of Instrument) Incorporated for User Safety & Component Protection				
	TEMP. SAFETY	Factory Set, Auto Electrical Cut-Off Thermostat Provided				
ACCESSORIES	DOCUMENTS	IQ,OQ Document, NABL Calibration Certificates* for Sensor & Controller				

*For certain sensors & controllers we provide Non-NABL Certificates.

*Actual Power Values Depends upon Site Voltage Ratings.

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