

**INCUBATOR**



**KEY FEATURES**



User-Interactive & Informative  
TFT Color Touch Display



Intuitive Design to Help Achieve  
within Ambient+7 C



21 CFR Complaint Software  
with PC Interface



Stackable / Stand-Alone System



Data Record with Mapping  
(5 Channels)



Fast & Precise Heating Operations



Email Notifications For Alarms



Password Protected Door Locking  
Mechanism



Process & Event Alarms



Standby Sensor & Gadgets Option  
Available

## FEATURES CONTD...

- In-Built Programmable Timer
- Stackable / Stand-Alone System
- 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
- Instruments are Environmental Friendly with Low Power Consumption
- Comprehensive Alarm System (Process Deviations, Door Open, Mains Fail)
- 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	EPIL-42	EPIL-90	EPIL-210	EPIL-320	EPIL-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%	SINGLE PHASE 230 VAC, 50Hz	650 W	700 W	900 W	1000 W	1300 W
TEMPERATURE + HUMIDITY SENSOR	RANGE	Ambient +7°C to +65°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	User Settable Blower Speed with Air Circulated Vertically for Uniform Distribution of Temperature				
ILLUMINATION	LIGHTS	2 LED Lights Available for Illumination of Chamber				
INSTRUMENT MOC	INNER CHAMBER	Inner Chamber Made of SS304 Grade				
	OUTER CHAMBER	Outer Chamber Made of Powder Coated CRCA Sheet				
	OUTER DOOR	Outer Side Made of Powder Coated CRCA Sheet & Inner Side Made of SS304				
	INNER DOOR	Inner Door Made of Superior Quality Toughen Glass for Viewing without Disturbing Environment				
	GASKET	Silicon Based Gasket is Provided for the Door to Avoid Air Leakage				
	VALIDATION PORT	Validation Port is Provided on the Side of the Instrument with Sealed Rubber Cap				
SAFETY	TRAYS	Mesh Type Removable Stainless Steel Trays with User Adjustable Spacing Between Trays				
	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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