

**AUTOCLAVE**



**KEY FEATURES**



User-Friendly & Informative LCD Display



User-Friendly Single Hand Locking Mechanism



Analogue Pressure Indications



Unique Visual Indication for Door Access



Process & Event Alarms



Heavy Duty Castor Wheels

## FEATURES CONTD...

- 'F0' Value Calculation & Indication
- Automatic Air Purging & Exhaust Control
- User Defined Programmable Cycle-End Strategy
- Automated Over Temperature Safety Mechanism
- Vertical Body Design with Top Loading of Samples
- Robust and Solid Build Quality & Compact Foot-Print
- Programmable Sterilization Temperature and Timer of Cycle
- Temperature Dependent Cycle Resumption Upon Power Interruption.
- Uniquely Designed Double Body System with Minimal Heat Dissipation.
- Smart Water Level Monitoring & Intelligent Door Status Monitoring with Alarm
- Automatic Cycle Abortion at High Temperature Safety Limit & Low Water Level
- 128 X 64 Monochrome Graphic Display for Comprehensive Process Information

## TECHNICAL SPECIFICATION

Au SERIES	MODELS	EAAL-60	EAAL-100	EAAL-160	EAAL-220
DIMENSIONS	CAPACITY (L)	60	100	160	220
	INNER CHAMBER (DIA x DEPTH) mm	400 X 525 mm	450 X 675 mm	525 X 750 mm	580 X 850 mm
ACCESSORIES	BASKET	1	2	2	2
POWER SUPPLY*	1P, 230 VAC, 50Hz	2000 W	3000 W	--	--
	3P, 440 VAC, 50Hz	--	--	4500 W	6000 W
TEMPERATURE + PRESSURE SENSOR	RANGE	Temp.: Ambient +5°C to 125°C / Pressure: 0 to 20 psi			
	RESOLUTION	Temp.: 0.1°C / Pressure: 0.1 psi			
	ACCURACY	Temp.: within ± 0.5°C / Pressure: up to ± 2 psi			
CONTROLLER	PID CONTROLLER	Intelligent Microprocessor Based, Tuned PID Temperature Controller			
INSTRUMENT MOC	INNER CHAMBER	Inner Chamber Made of Robust and Sturdy Construction with SS304 Material			
	OUTER BODY	Outer Body is Made of Powder Coated CRCA Sheet			
	GASKET	Silicon Based Gasket is Provided for the Door to Avoid any Leakage			
	VALIDATION PORT	1/2" Size Validation Port is Provided on the Side of the Instrument with Stainless Steel Plug			
	BASKET	Stackable Mesh Type Removable Stainless Steel Basket			
ADDITIONAL SAFETY	OPERATIONAL SAFETY	Safe Operational Parameter Limits can be Defined by the User			
	USER SAFETY	User Accessible Emergency Switch Provided in case of Emergencies			
	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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