



FIDELSSCIENCE

A UNIT OF FIDELS EYE N SCIENCE PRIVATE LIMITED

CATALOGUE
OF
AUTOCLAVE
FDLS 40/60



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 +91-9319272252

 fidelsscience2022@gmail.com

 fidelsscience.com

AUTOCLAVE

PRODUCT OVERVIEW

The Laboratory- Vertical- Standing- Autoclave, short FIDELS, are characterized by their low loading height and easy operation.

Portable autoclave wheels, Lid lock indication and lock release by foot pedal, Sterilization Chamber SUS-304, Water level Indicator, auto pressure adjust as per temperature, auto variable exhaust fan speed, timer function for delay start, Pressure .26mpa and display .5mpa

Our autoclaves are available in four different sizes:

DIMENSIONS:

Model	FDLS 40/60	FDLS 40/75	FDLS 50/60	FDLS 50/70
Effective space in mm	(Ø) 400x (H)625	(Ø) 400x (H)775	(Ø) 500 x (H)655	(Ø) 500 x (H)755
Chamber volume in liters	80	96	133	153
Loading height (mm)	760	900	800	900
External dimensions in mm WxDxH	500x500x1000	500x700x1000	600x800x1000	800x1200x1200
Heating capacity (kW)	2		3	
Electrical connection	220 – 230V, 50/60 Hz, 16 A			

Description of the individual components:-

Steam Generator :-

Integrated in the housing of the autoclave. Ensures rapid heating and cooling compared to conventional heating systems.

Exhaust air filtration:-

Is stipulated for the sterilization of pathogenic substances in S2/S3 laboratories, with inline condensate sterilization.

Digital display (Touch Control):-

Enables simple and intuitive operation of the autoclave. In combination with user-friendly software, the autoclave can be operated quickly but also highly variable and simple. Memory function, Exhaust bottle indication, Lid opening/closing indication, Leakage breaker sensor

Temperature range:-

For sterilizing 105-135°C, for heating 45-104°C and for warming 45-95°C

Steam-air mixture method:-

Operating range:-

0.26 MPa & analog display range should be 0-0.5MPa. pressure adjustment module provide along with machine.

- For the sterilization of tightly closed bottles and pressure-sensitive materials.
- An additional temperature sensor, air deflectors and a circulating air fan ensure precise temperature control and distribution.

Rapid water re-cooling system with air-circulating fan:-

- Allows a shortening of the recooling time by more than 80% compared to the self cooling during sterilization of liquids.
- This is due to an internal heat exchanger, also known as a "fast cooler", through which water flows.
- Auto variable speed for exhaust, Timer function for delay start.

Accessories:-

- We offer stainless steel sterilisation baskets, pails and containers which fit our various chamber designs.
- 4-course of sterilization mode.
- Digital display Timer and work process range 1 min. To 99 hours.
- Liquid sterilizing, Heating, Warming.
- Last run mamory.
- Lid opening/ closing detection machanism.
- Leakage breaker
- Two stainless steel Bucket



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