

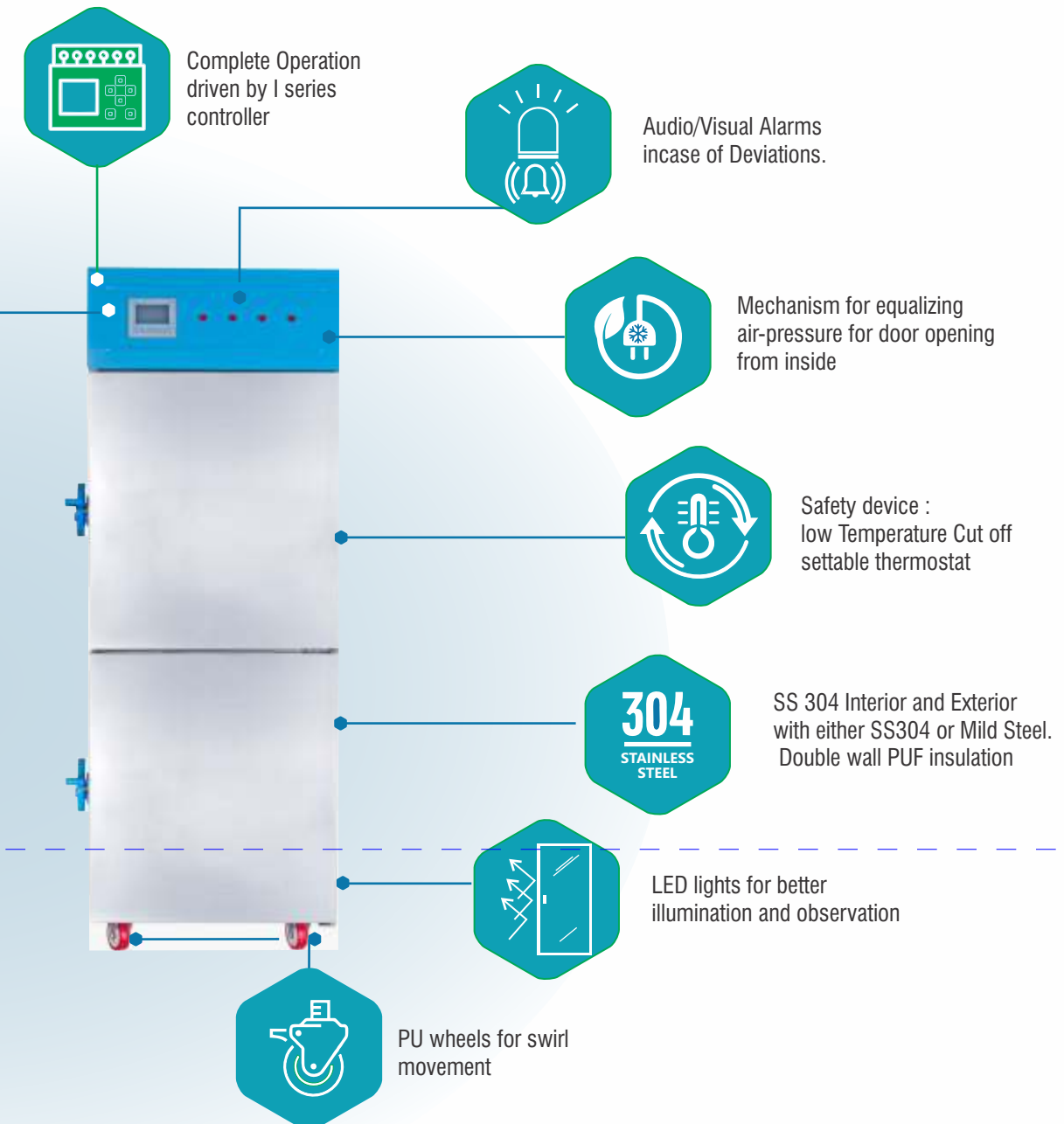
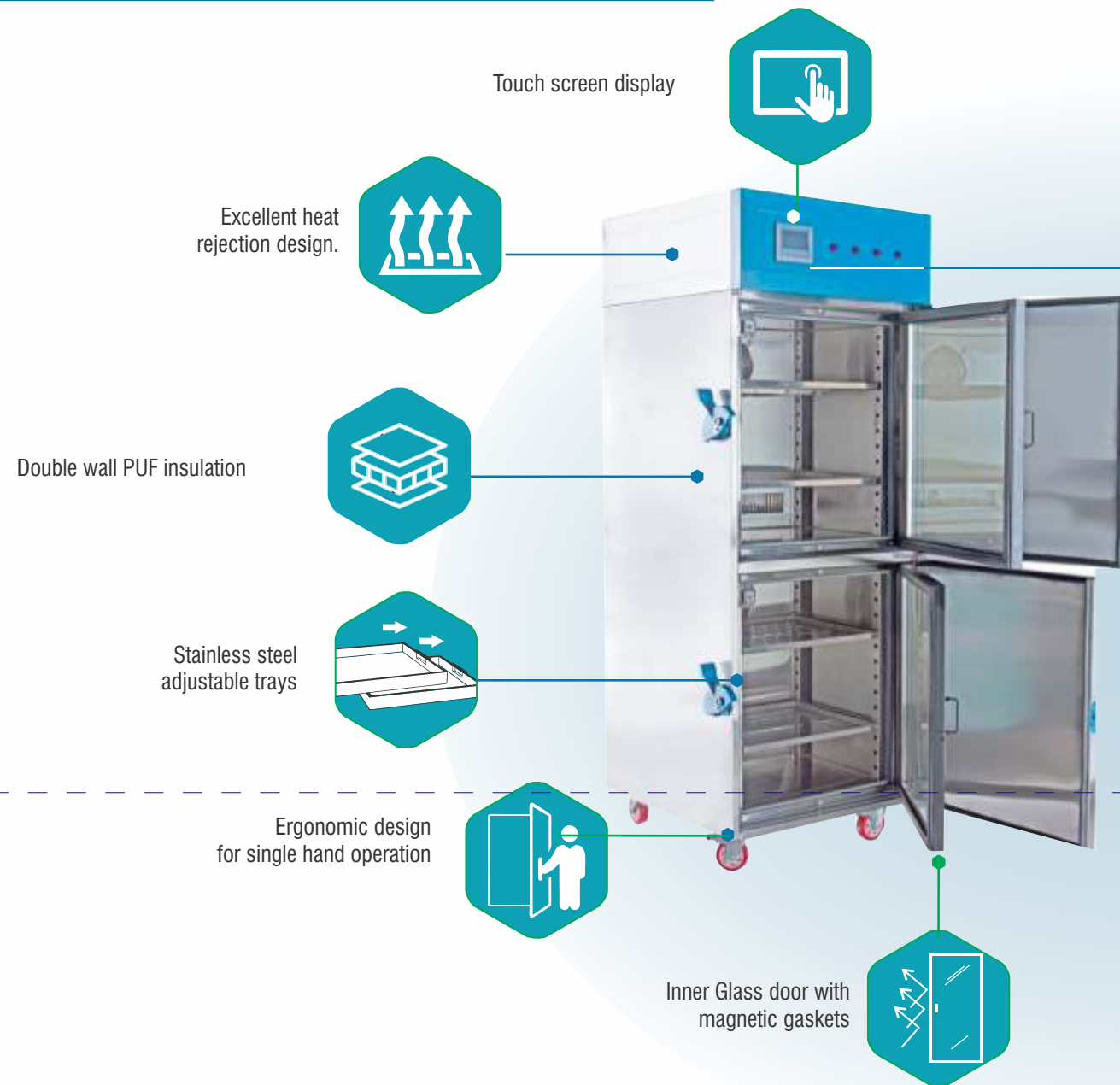
Dual BOD Incubator

Temperature Range: 10°C to 60°C

There are multiple research that being undertaken by the same Lab. Hence, there are requirement of different temperature conditions. But also there is a challenge of space, power consumption, budget etc. The DUAL BOD is an answer to these challenges. Two chambers are clubbed in one body. Both the chambers are independent from each other and can set temperature conditions different from each other. This is possible with an intelligent design that saves you POWER, SPACE and BUDGET.

Full form of BOD is biological oxygen demand. BOD (biological oxygen demand) is atype of test used to measure the amount of dissolved oxygen needed by microorganisms in water source to breakdown the organic matter. The reason why this Chamber is called a BOD incubator because this chamber provides 20°C to 25°C temperature with precision required to perform the BOD test. Hence its named as BODIncubator.

Salient features



Tech Specs



Telescopic Tray



High Quality PT100 Temperature sensor



Forced Air Circulation for uniform distribution



Works on single Compressor.

Innovative features



Alarms



Safety devices



Remote Alarm Contact



ICDAS Compatible



MEGVID Compatible

Dual BOD Incubator

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- We are one stop solutions that includes:
- Installations and Commissioning
- DQ, IQ, OQ, PQ documentation
- Training
- Online Support
- Annual Maintenance Contract

Applications

The BOD Incubators are ideal for gentle incubation and growth of microbes esp bacterial cultures. In the Pharma industry BOD Incubators are used for Sterility testing,

- MLT testing,
- Environmental testing,
- Water testing etc.

At a temperature of 22.5°C to 32°C, this incubator is also useful in media preparation.

TECHNICAL SPECIFICATIONS

Upper Chamber		Lower Chamber	
Temperature Range	: 105°C to 60°C	Temperature Range	: 10°C to 60°C
Temperature Accuracy	: ± 0.5°C	Temperature Accuracy	: ± 0.5°C
Temperature Uniformity	: ± 1°C	Temperature Uniformity	: ± 1°C

Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Optional Accessories

- ICDAS - A Common Software suitable for all Newtronic make equipments
- 1 pt. Temperature Scanner
- Door Access system
- Remote alarm system suitable for 4 nos. Newtronic make equipments
- Mobile Alert system

Industrial Applications



Pharmaceutical



Biotechnology



Cosmetic



Food & Beverages



Microbiology

Selection Guide

Model	Capacity		Internal Size H* w* D*(mm)	External Size H* w* D*(mm)	Number of Trays	Tray Size (mm)	Equipment Weight (kg)
	Cu Ft.	Liter					
NLDC14SI	Upper 7	Upper 200	Upper 690 x 600 x 500	2095 x 730 x 925	Upper 2	530 X 460	300
	Lower 7	Lower 200	Lower 690 x 600 x 500		Lower 2	530 X 460	
NLDC28SI	Upper 14	Upper 400	Upper 690 x 700 x 800	2050 x 895 x 1335	Upper 2	630 X 760	375
	Lower 14	Lower 400	Lower 690 x 700 x 800		Lower 2	630 X 760	

* Newtronic reserve the rights to change the product specifications without prior notice