T3

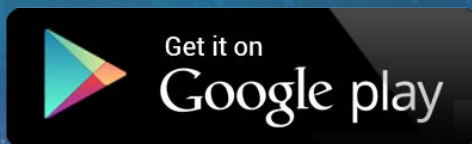**The only modular and upgradable incubator on the market.**

The first of the T3 line of the laboratory equipment. Sleek and chemical resistant carbon fiber exterior for the most demanding sterilizing requirements, seven-inch touchscreen supporting tablet-like usability, and the plug-and-play adaptability to eliminate your equipment turnover.

Available on the **App Store**

Get it on **Google play**

Access

IoT connectivity provides remote access to your equipment from any internet enabled device.

Control

every aspect of the equipment can be adjusted and scheduled to any incubation requirements locally or remotely with the same IoT ease of use.

Secure

supporting the most advanced blockchain multi-signature encryptions and user base login to control every aspect of your incubator.

CONTACT US FOR YOUR FREE QUOTE

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Discover The Future

INTRODUCING THE

T3

INCUBATOR

INCUBATOR SPECIFICATIONS
Stackable Model

Construction

Chamber Volume	198L (7cu.ft)
Interior Chamber	Electro-Polished Stainless Steel
Exterior Chamber	Carbon Fiber
Data Outputs	USB, Blue-tooth, Wi-Fi, and Ethernet

Dimensions

Internal Dimensions (w x h x d)	25.1 x 25.1 x 25.1 in. 688.8 x 688.8 x 688.8 mm
External Dimensions (w x h x d)	27.1 x 27.1 x 27.1 in. 638 x 638 x 638 mm
Operating Weight	33.11 kg/73 lbs.— Without Accessories

Electrical

Rated Voltage	1/N/PE AC (+/-10%) 120V
Nominal kW	0.36*
Consumption (kWh)	460.8* (based on 24hr 30day 20°Camb.)
Rated Frequency	60 Hz
Heat Emission to Environment at 37°C	0.06 kWh/h*

Temperature

Control	+/0.5°C
Range (basic)	3 Above Ambient 50°C
Uniformity	+/0.2°C
Tracking Alarm	Customizable 0.5°C
No. of Sensors	1 / 8

Optional Modules

CO_2

Control	+/0.05% vol.*
Range	0.00 - 30.00% vol.
Tracking Alarm	Customizable 0.10 - 5.00% vol.
Inlet Pressure	15 - 100 psi (1.034 - 6.89 bar)
Gas Purity	99.90 - 99.995%
CO_2 Inlet	Sterile Quick Connect

RH

Control	+/0.5% vol.
Range	5 Above
Ambient	99.00% vol.
Tracking Alarm	Customizable 0.5 – 10.00% vol.
Water Type	Distilled
Reservoir	Main Supply or 1L Gravity Fed
RH Inlet	Sterile Quick Connect

Floor RH Reservoir

Tracking Alarm	Customizable 0.5 – 10.00% vol.
Water Type	Distilled
Reservoir	5 gallon 18.92L Gravity Fed
RH Inlet	Sterile Quick Connect

O_2 *(Est. release Dec 2018)*

Control	+/0.05% vol.*
Range	21.00 - 100.00% vol.**
Tracking Alarm	Customizable 0.10 - 5.00% vol.
Inlet Pressure	15 - 100 psi (1.034 - 6.89 bar)
Gas Purity	99.90 - 99.995%
O_2 Inlet	Sterile Quick Connect

N_2 *(Est. release Dec 2018)*

Control	+/0.05% vol.*
Range	80.00 - 100.00% vol.**
Tracking Alarm	Customizable 0.10 - 5.00% vol.
Inlet Pressure	15 -100 psi (1.034 - 6.89 bar)
Gas Purity	99.90 - 99.995%
N_2 Inlet	Sterile Quick Connect

Temperature Upgrade *(Est. release Dec 2018)*

Control	+/0.05°C
Range	Ambient - 50°C
Uniformity	+/0.1°C
Tracking Alarm	Customizable 0.15°C
No. of Sensors	4 / 8

SHELVING MODULES

Shelving *(Basic)*

Dimensions (w x h x d)	23.881 x 23.881 x 22 in. 606.5 x 606.5 x 558.8
No. Standard/Max	3 / 12
Max. Load Per Shelf	20 lbs (9 kg)
Construction	Stainless Steel

Divided Sectional *(Est. release Dec 2018)*

Dimensions (w x d)	23.881 x 23.881 x 22 in. 606.5 x 606.5 x 558.8
No. Standard	16
Max. Load Per Shelf	10 lbs (4.5 kg)
Construction	Stainless Steel

Specifications are determined in controlled environment and subject to change.

**Gas control 0.100% vol. when coupled with another module*

PODs *(Est. release June 2019)*

Dimensions (w x d)	23.881 x 23.881 x 22 in. 606.5 x 606.5 x 558.8
No. Standard/Max	15 PODs
Max. Load Per Shelf	25lbs (11.34 kg)
Construction	Acrylic

Sterilization Modules

UV *(Est. release Dec 2018)*

Dimensions (w x d)	0.4 x 152.4 mm 1 x 6 in.

HEPA *(Est. release Dec 2018)*

Dimensions	101 x 101 mm (4 x 4 in.)
Class	E12
Retention	99.50%

H2O2 *(Est. release June 2019)*

Decontamination	Log 6
Cycle Duration	2 Hours
Tracking Alarm	Customizable Notifications
Total Downtime	2.5 - 3 Hours

High Heat *(Est. release Dec 2018)*

Decontamination	Dependent on Duration
Cycle Temperature	180°C
Cycle Duration	2 – 12 Hours
Nominal kWh Consumption	
Tracking Alarm	2 (per hour)
Total Downtime	Customizable Notiﬁcations 2 – 13 Hours

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We provide the highest quality tools and materials for exponential discovery and collaboration of the greatest minds.