Digitcool Alpha CBS

Technical Specifications

Dimensions (L x W x H) mm:
> 1543 x 819 x 1087

Voltage (V – Hz):
> 220 V – 50 Hz
> 208 V – 60Hz

Weight (Kg):
> 350 Kg

Recommended LN2 pressure:
> Constant at 2,5 bars +/= 0,3 Bars

User defined rubbery state threshold
To prevent sample damage (audible and visual warning)

User safety integrated into the design
of freezer and accessories. Prevent user interaction with the freezer from resulting in injury or discomfort. Reduced direct contact between finished product and user without sacrificing usability

Built in contingency
Aids reduce down-time as solenoid valves have a lifespan. The Digitcool Alpha predicts the maximum number of valves activations and warns the user before this event puts the equipment out of use.

Freezing data will not be lost
To an erroneous keystroke, Auto save function features ensure traceability of data is never broken

Freezing cycle will not stop
inadvertently While in progress. An on-board battery (in option) backup will ensure every cycle that starts controlled, ends the same way

Freezing Uniformity
Freezing uniformity is a multifactorial process. The Digitcool Alpha has improved on the best available technology.

Consistent nitrogen flow within the chamber
The characteristics “chimney effect” is improved through the reorganization of the internal chamber

Homogeneous distribution of nitrogen vapor
Carefully selected fan hardware and fan blade design, result in higher speed and finer speed control

High Insulation capacity
> Through meticulous gasket and freezer lid design

Reduced energy (thermal) loss
Exclusive material and design reduce “thermal bridge

Contact:
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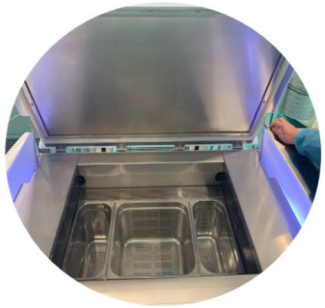
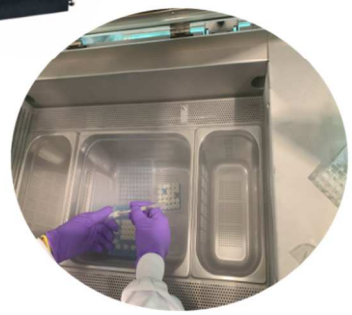
Cryo Bio System

Digitcool Alpha CBS

The missing link in the handling of cryopreserved biological materials





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Open lid workstation with secured work area.
Surface is heated to preserve the operator from cold burns
Not only avoids operator's injuries but also increases lid's rubber seal lifetime

Foot switch and motorization for easy lid opening

UPS to secure the work and save the samples in case of power cut

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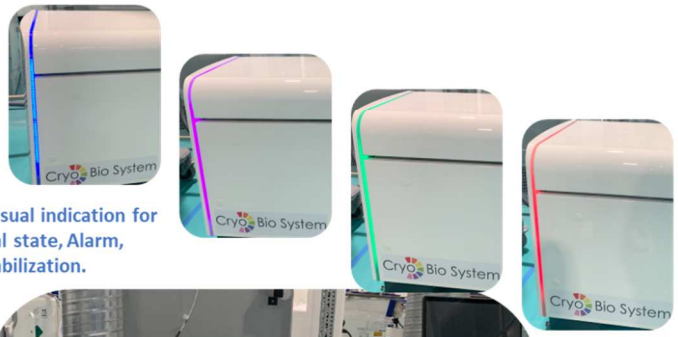
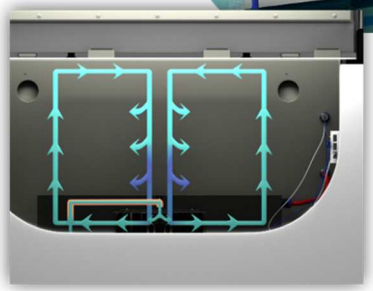


Light coding for visual indication for each for functional state, Alarm, power cut and stabilization.



Controlled flow and very precise PID for high temperature stability

MMI easy to control , with simple programming, protocols management and reporting.