



# CUBE AD-3100

DRAWER TYPE INCUBATOR

Four Individual Incubators in One to the  
Power of Cube  
Remarkably Valuable Companion in  
your Laboratory

## SPECIFICATIONS

### MODEL AD-3100

Overall Dimension.....W562 x D570 x H610 (mm)

### Drawer Specifications

Usable Dimension .....W180 x D217 x H20 (mm)

Volume .....775ml

Capacity .....Equivalent to four 4-well MultiDishes

Drawer Weight .....3.5lbs/2.8kg

Number of Drawers ....4 drawers

### Temperature Control

Control System .....Digital PID

Range .....7°C above ambient to 40°C

Accuracy .....±0.1°C (\*1)

Uniformity .....±0.2°C (\*1)

### CO2 Control

Sensor Type .....IR Sensor

Range .....0% - 10.0%

Accuracy .....±0.3%

### O2 Control

Sensor Type .....Galvanic Battery

Range .....4.0% - 10.0%

Accuracy .....±0.5%

### Others

Humidity .....90%±5%RH

Humidity System .....Natural Evaporation

Required Gas .....CO2 and N2

Flow Rate .....CO2 40ml/min , N2 120ml/min

Alarm Functions .....Temperature, CO2, O2

Alarm Output .....DC12V 0.3A (Option)

Safety Function .....Overheat Prevention (Software Control)

Analog Output .....Temperature/CO2/O2 (Option)

Machine Weight .....176lbs/80kg

Electrical .....AC100-120V 5A(Max) 50/60Hz

.....AC200-240V 6.5A(Max) 50/60Hz



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## UNIQUE PORTABILITY

Cube uniquely offers to maintain Optimal Environment all the way. All Four Incubator Drawers can independently slide out of the Cube and you can Port them directly to the Tabletop of your working station



## JAPANESE PRECISION

The Precision is the key of our products. With the Digital PID Temperature Controls to the accuracy of  $\pm 0.1$ , and long-trusted Gas-Control Algorithms offers the best, industry-leading Optimal Cell culture Environment

## DRY vs HUMIDIFIED YOUR DECISION

With Cube, you take control. Cube is a Unique Incubator that allows you to culture cells either in Ambient Humidity or in Active Humidity with a strategically integrated Laser-engraved Water-tray as part of the Design



## THOUGHTFUL DESIGN WITH "YOU" IN MIND

With the new divided lid option, dishes for up to 2 patients can occupy the same drawer. This unique feature allows you to access your desired dish in one chamber without disturbing other's while keeping each patients' identification separate in a compact environment.

The drawers are detachable and can be easily picked up and placed back on the tray, making this unit exceptionally easy to clean and maintain



## TRULY INDEPENDENT CONTROLS

When you own a Single Cube, you literally own Four Individual Incubators with their own Individual Controls for Temperature and Gas Management



## SAFETY IS PARAMOUNT

Cube comes by default with the all important Alarm Systems, of course, Independent for each Drawer. Software controlled Overheat Prevention. Circuit Protector. CE marked