



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 DimensionW180 x D217 x H20 (mm)

Volume775ml

CapacityEquivalent to four 4-well MultiDishes

Drawer Weight3.5lbs/2.8kg

Number of Drawers4 drawers

Temperature Control

Control SystemDigital PID

Range7°C above ambient to 40°C

Accuracy±0.1°C (*1)

Uniformity±0.2°C (*1)

CO2 Control

Sensor TypeIR Sensor

Range0% - 10.0%

Accuracy±0.3%

O2 Control

Sensor TypeGalvanic Battery

Range4.0% - 10.0%

Accuracy±0.5%

Others

Humidity90%±5%RH

Humidity SystemNatural Evaporation

Required GasCO2 and N2

Flow RateCO2 40ml/min , N2 120ml/min

Alarm FunctionsTemperature, CO2, O2

Alarm OutputDC12V 0.3A (Option)

Safety FunctionOverheat Prevention (Software Control)

Analog OutputTemperature/CO2/O2 (Option)

Machine Weight176lbs/80kg

ElectricalAC100-120V 5A(Max) 50/60Hz

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



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 ± 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

Cube is designed to work with you

Easy-grip-knob on the drawer, a useful latch, and hinges of the lid are repeatedly fabricated to achieve the best useful experience



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



INDICATION FOR USE

Many cell lines grow better in the humid incubators, as Micro-organisms, Bacteria, It can be used in veterinary field and all related research applications.