



# CUBE AD-3100

DRAWER TYPE INCUBATOR

A Remarkable Laboratory Companion with 4 in 1 design

## 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

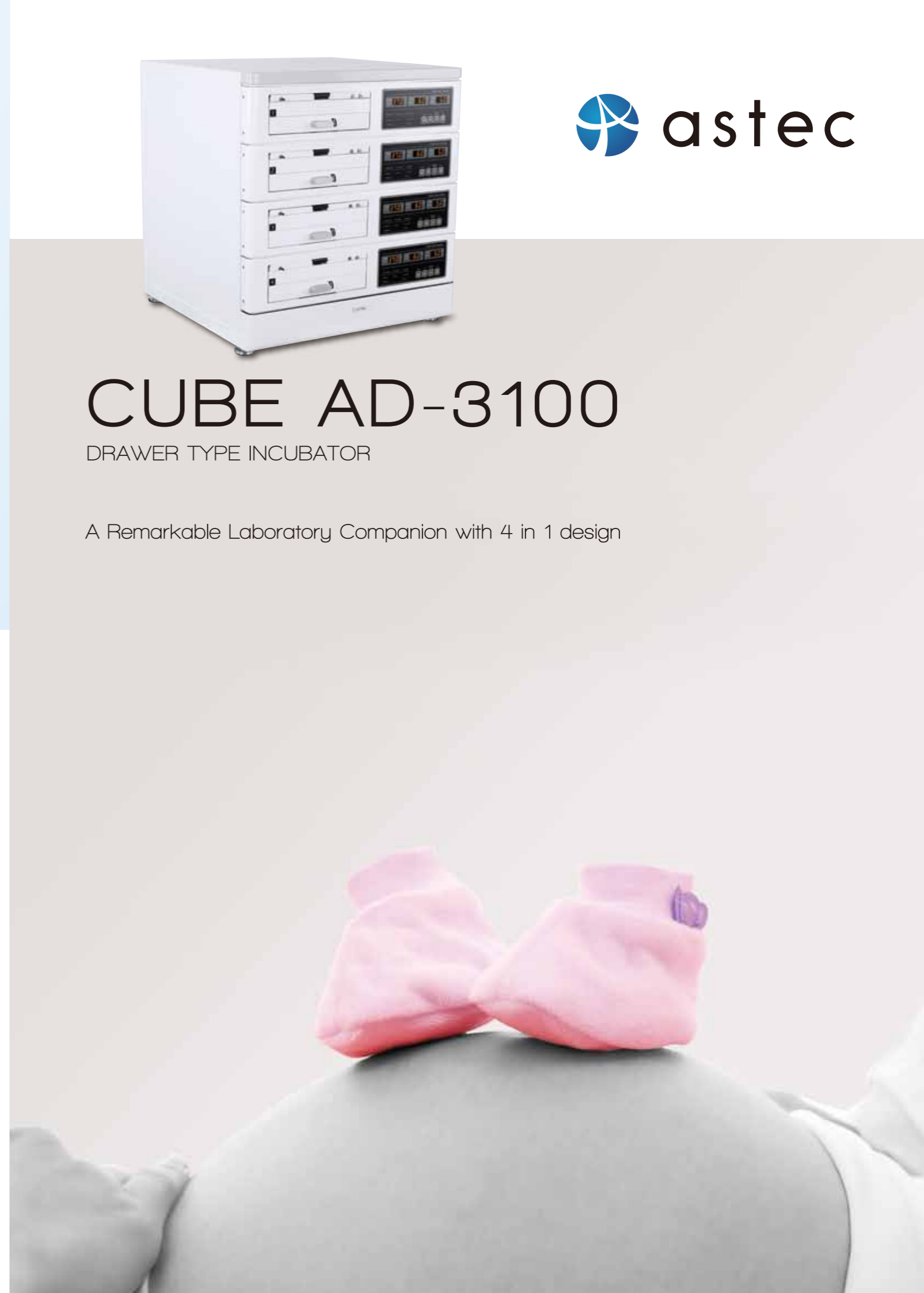


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## UNIQUE PORTABILITY

The Cube offers & maintains full optimal environmental control. Each drawer can independently slide out of the Cube & be transported to its proprietary heating stage (RH-3100) or directly onto your workstation.



## JAPANESE PRECISION

With the digital PID Temperature Control to the accuracy of  $\pm 0.1$ , a long-trusted Gas control algorithm; the Cube offers the best industry leading Optimal Cell culture environment overall.

## THOUGHTFUL DESIGN

Easy-grip-know on the drawer with a handy latch ergonomically designed hinges for the lid, creates the ultimate user comfort experience for the Cube.



## DRY vs HUMIDIFIED Try Both!

A unique design that allows you to culture cells either in Ambient Humidity or Dry-sterilized environment.

\*Creates active Humidity with a strategically integrated Laser-engraved water tray.

## INDEPENDENT CONTROLS

Temperature & Gas controls for each chamber is designed to operate independently. The Cube offers the convenience of having four Individual Incubators in one small footprint.



## SAFETY IS PARAMOUNT

The Cube comes by default with the necessary Alarm Systems independent for each drawer. Software controlled Overheat Prevention & Circuit Protectors. CE marked.

