



华粤行医疗  
HARIOMED

# IBI-D101 Benchtop Incubator



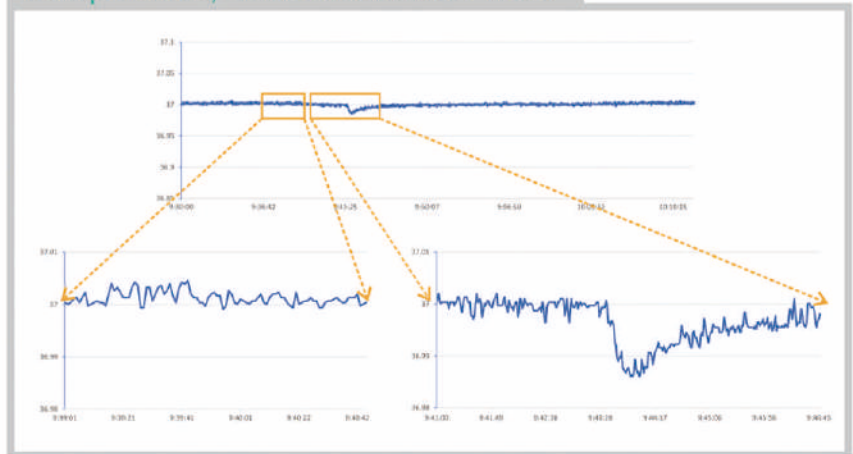
SAFER AND  
STABLE

## Stable temperature

- Unique over-all heating system for the incubator, pre-heated gas before gas mixing to eliminate the temperature fluctuation
- Highly efficient thermal insulation technology secures the operation temperature of inner surface of the lid while lid opening.



Temperature/ Time of Chamber No. 9



Other chambers temperature/ Time



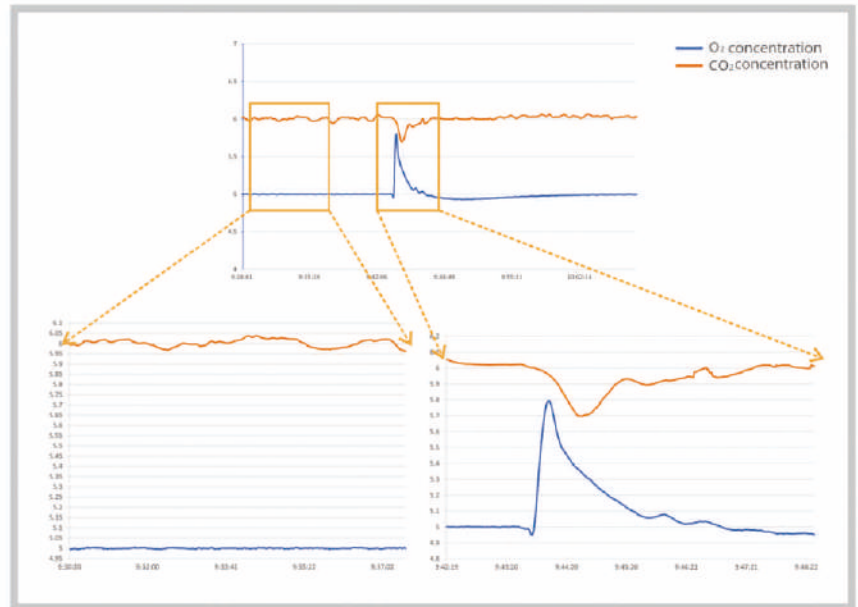
- Temperature fluctuation :  $\leq \pm 0.1^{\circ}\text{C}$

Precise and Quick Response & Control

SAFER AND  
STABLE

## Stable gas concentration

- Patented technology provides advanced gas system
- Intelligent control system could automatically identify the status of the lid opening or closing
- Precise gas supply



- Gas concentration fluctuation:  $\leq \pm 0.1\%$   
Gas concentration recovery time after lid opening for 10":  $< 2.5\text{min}$

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Precise and Quick Response & Control

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## Independent chamber design

### More safety

- 10 Individual chambers
- In operation, the temperature of each chamber is controlled separately

- Maximize capacity in chamber

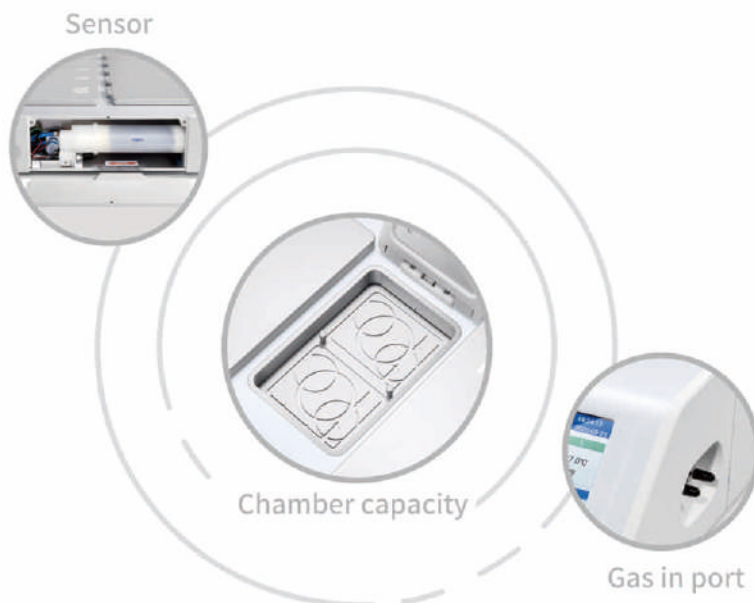
### High capacities

### Lower gas consumption

- Significantly reduces daily gas consumption
- Fast recovery on the gas concentration

Exterior dimension and Weight	721×586×143mm 38kg
Chambers' number & capacity	10×400mL
Ambient temperature	18~30°C
Power supply	100-240VAC, 50-60Hz
Temperature control range	25~42°C (7°C above ambient temperature)
Temperature control accuracy	±0.1°C
Gas control range	CO <sub>2</sub> 2%~10%, O <sub>2</sub> 2%~20%
Gas control accuracy	±0.1%

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## Intelligent safety management system

### Warning & Alarm Functions

Warning on lifespan alert of HEPA/VOC filter, O<sub>2</sub> sensor

Alarms on lid opening overtime, erroneous parameter of temperature, gas concentration and pressure

Alarm on defect sensors of CO<sub>2</sub>, gas pressure, flow, air pump



### Data logging system

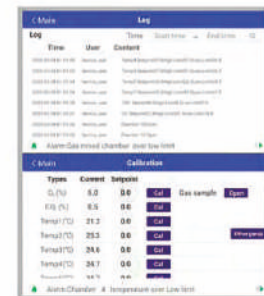
Daily parameters of temperature, CO<sub>2</sub> & O<sub>2</sub> gas concentration, flow and pressure

History of parameters' setting

Time of lids opening or closing

Calibration record

Patient edited record



### Independent control systems

Intelligent managing system and culture control system are independently. The culture control won't be interfered while upgrading the system.



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