



HARIOMED

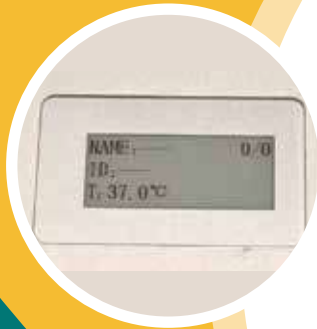
# Benchtop Incubator

## Harioculture DI-4

*Dedicated to embryo culturing and  
improve operation workflow*



# Benchtop Incubator



## Stable temperature

Quick temperature recovery system is developed to achieve higher accuracy and lower fluctuation which provides an optimal culture environment.



## Stable gas concentration

- Patented technology provides advanced gas control system which can greatly shorten the gas recovery time with lower gas consumption.
- Built-in gas mixer is available for high purity N<sub>2</sub> and CO<sub>2</sub> supply.
- The gas (CO<sub>2</sub> & O<sub>2</sub>) concentration control precision is less than 0.1%.



### RFID function

Identify the petri dishes with RFID tags in the chamber and achieve the data tracking of petri dishes.



### Multi-function chamber

The incubator contains a multi-function chamber, which can monitor the droplet temperature continuously without disturbing during the embryo culturing.



### Expanding more culturing capacities

One DI-4EX incubator could be connected to expand the capacity and reduce operating costs.

## Technical Specification

Model	Harioculture DI-4	DI-4EX
Chamber number	4	4
Capacity for each chamber	4 x $\Phi$ 35 mm Petri dishes 2 x $\Phi$ 50-60 mm Petri dishes 2 x 66 x 66mm 4 well Petri dishes <small>Compatible with Falcon, Nunc or Oosafe petri dishes, please advise the dish brand when ordering</small>	
Dimensions (W*D*H)	450*600*210mm	310*550*210mm
Power supply	100 - 240V AC , 50 - 60Hz	
Ambient environment	18 - 30°C	
Gas supply pressure	1 bar	
Temperature control range	25.0°C - 42.0°C (7°C above ambient temperature)	
Temperature control precision	$\pm 0.1^\circ\text{C}$	
CO <sub>2</sub> control range	2% - 10%	
CO <sub>2</sub> control precision	$\pm 0.1\%$	
O <sub>2</sub> control range	2% - 15%	
O <sub>2</sub> control precision	$\pm 0.1\%$	
Gas consumption	N <sub>2</sub> : 2L/h; CO <sub>2</sub> : 0.5L/h (without connecting to DI-4EX)	

© FDA 510(k) Exempt device, establishment registration and device listing have been completed



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