华粤行医疗
HARIOMED

GrupoIVF

Harioculture HI Benchtop Incubator

For long-term humidified culturing

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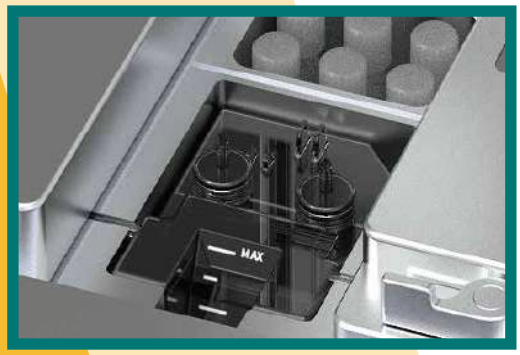
Features

Stable temperature

Own excellent thermal distribution consistency and temperature control accuracy with ±0.1°C.

Gas and Humidification system



- Precise flow control under premixed gas supply model.
- Water bottle with water level indicator and water-shortage alarm(one water bottle for Harioculture HI-2 and two water bottles for Harioculture HI-4).
- Monitoring input gas concentration of CO_2 & O_2 (optional).

Designed culturing chambers

Harioculture HI incubator contains one multi-function chamber, which can monitor the droplet temperature and pH (optional) continuously without disturbing during the embryo culturing

Every two chambers equip one tube warm-up bin (up to 6x5ml/14ml tubes)

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RFID function

- Identify the petri dishes with RFID tags in the chamber and achieve the data tracking of petri dishes
- Chamber locked design with RFID tag identification can achieve users' operation management system

Technical Specification

Model	Harioculture HI-2	Harioculture HI-4
Dimensions(W*D*H)	485*343*194mm	400*613*210mm
Chambers number	2	4
Power supply	100-240V AC , 50-60Hz	
Ambient temperature	18-30°C	
Temperature control range	25-42°C	
Temperature control accuracy	±0.1°C	
Temperature uniformity	±0.1°C	
Gas supply pressure	1 bar	
Gas supply	Premixed gas (Typically 6% CO_2, 5% O_2, 89% N_2).	
Gas concentration monitoring (optional)	Monitoring the concentration of input gas (O_2 & CO_2)	
Flow accuracy	± 10% or ± 3 ml/minute	
Flow control accuracy	± 5% or ± 2 ml/minute	
Humidity	1x water bottle	2x water bottles
	Current value of relative humidity is displayed (% RH)	
	Water bottles with water level indicator and low-water alarm	
Dishes per chamber	8 x Nunc 30 mm Petri dishes 4 x Falcon® 60 mm Petri dishes 4 x Nunc® 4 well Petri dishes	4 x Nunc 30 mm Petri dishes 2 x Falcon® 60 mm Petri dishes 2 x Nunc® 4 well Petri dishes
Tube at warm-up bin	6x 5ml/14ml tubes	

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