Advanced yet, Simple!
Experience our Time-Lapse Imaging Software, the "Phototune"

astec
Incubate the Future with You
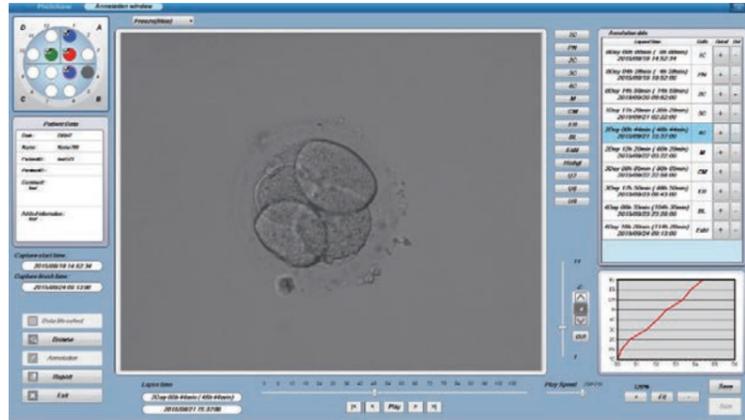
The Phototune allows the user to Create, Edit & Alter every single shot taken by the CCM-iBIS, and produce a movie based on the user's choice of Lighting, Exposure & Subtitles. This is unquestionably, the most user-friendly time-lapse software released by far and has taken the time-lapse imaging possibilities to a whole new level.

Time-lapsing made Affordable & Easy!

Gas sampling port conveniently located in the front of the unit.

Equipped with all the necessary alarm systems and unique air-flow sensors.

SPECIFICATIONS

CCM-IBIS SG

MODEL CCM-iBIS

Model		CCM-iBIS-SG
Main body	External dimensions	(W)382mm×(D)590mm×(H)219mm *(Projections excluded)
	Number of Incubation Chambers	9 (12-Well miniGPS dish)
	Inside-chamber dimensions	62 mm (W) x 65 mm (D) x 17 mm (H) Capacity: Approx. 69 ml
	Humidification method	Non humidification
	Power supply	AC100V, 5A, 50/60Hz
	Weight of the main body	Approx. 30kg
Optical system	Camera	1.3-million-pixel CCD camera, 4.86 mm x 3.62 mm imaging size
	Objective lens	Lens (10 x) for biological microscopes
	Light source for illumination	Red LED (Peak wavelength: 623 nm)

astec

[Please contact us below]
Email : astec-japan@astec-bio.com   TEL : +81-92-935-5666
Or your local ASTEC distributor
www.astec-bio.com/global/

CCM-iBIS
Innovative Blastocyst Incubation System

Good things come in small packages!

As a leading manufacturer of IVF/Research laboratory equipment, we value our customer's opinion and constantly strive to meet their demands; therefore we have invested a considerable amount of time and resources to make our units more compact, robust and user friendly. The CCM-iBIS is smaller, smarter and spectacularly more stable than its competitors by a milestone!

Nine small incubation chambers completely separated, securely incubate the embryos without disturbing one another. Each chamber is designed to hold one dish firmly in place, utilizing unique dish holders for maximum stability and steadiness during the entire process.

SP38 - 010 lėkštutė

The upper Lids have been skillfully built with grade A Japanese Steel, curved to perfection, which allows extra room & flexibility to the user, while opening and closing the chambers. (The Red LED Light Source is built & engineered securely into the lid.)

Small & completely separated incubation chamber with a unique dish holder.

*Designated dish is commercially available worldwide at an affordable price.

(*Prices may vary for each market. Please contact your local distributors for more information.)

Specifications

Model		CCM-iBIS
Main body	External dimensions	(W)382mm x (D)590mm x (H)219mm* (Projections excluded)
	Number of settable dishes	9 (25-Well EmbryoGrid)
	Inside-chamber dimensions	62 mm (W) x 65 mm (D) x 17 mm (H) Capacity: Approx. 69 ml
	Humidification method	Non humidification
	Power supply	110V-120 VAC 50/60Hz 3A or 220-240 VAC 50/60Hz 1.5A (Voltage fluctuation : within ±10%)
	Weight of the main body	Approx. 30kg
Temperature control	Temperature control method	Digital PID method, independent control of each incubation chamber
	Operational temperature range	24ºC to 28ºC
	Temperature control range	36ºC to 39ºC
	Temperature fluctuation range	±0.1ºC (Room temperature: 26ºC)
	Temperature distribution	±0.1ºC (Room temperature: 26ºC)
	Main heater	Silicon rubber heater
Gas specifications	CO2 sensor	Infrared CO2 sensor
	CO2 control method	Duty control
	CO2 control range	0 to 20.0%
	CO2 fluctuation range	±0.1%
	O2 sensor	Ceramic O2 sensor
	O2 control method	Duty control

	O2 control range	2.0 to 18.0%
	O2 fluctuation range	±0.5%
XY stage	Shift range	±105 mm (x-axis), ±140 mm (y-axis)
	Resolution	1μm/step
	Maximum speed	40mm/sec
	Repetitive-positioning accuracy	Within ±0.5 μm
z stage	Shift range	±5mm
	Resolution	1 μm/step (Half)
	Maximum speed	10mm/sec
	Repetitive-positioning accuracy	Within ±0.2 μm
Optical system	Camera	1.3-million pixel CCD camera, 4.86 mm x 3.62 mm imaging size
	Objective lens	Lens (10 x) for biological microscopes
	Light source for illumination	Red LED (Peak wavelength: 623 nm)
Image	Image save format	JPEG format
	Image save method	NAS (Mirroring function-equipped, 6TB x 2)
External output	Analog output	Temperature (9 incubation chambers), CO2 concentration, O2 concentration
	Contact output	Close when an alarm is generated; close when the power is turned Off