

# EA-1024X

## Cell-factory Culturing System



### ◆ Description

Equipaxis EA-1024X incubator is designed for cell factory system. It has built-in rack for different cell factory, mainly for 10-layer, but can also be used for other layers of cell factory. It can achieve process consistency and temperature uniformity when fully loaded with cell factories.

### ◆ Features

1. Latest microprocessor chip ensures excellent and stable performance
2. Accurate temperature control by incorporating high-precision sensors and PID control technology
3. Audible and visual alert user if parameters fluctuate over the set ranges
4. Intuitive 7" hi-res capacitive touchscreen
5. Lockable doors; Sealed inner glass door
6. HEPA air filtration provides class 100 purification
7. Natural evaporation from built-in humidity tray
8. Infra-Red (IR) sensor precisely and reliably detects CO2 concentration

### ◆ Specification

Model		<b>EA-1024X</b>	
Product Name		Cell-factory Culturing System	
Combo	Model	<b>PYC-30X</b>	<b>PY-30-S16</b>
	Product Name	Incubator	Multifunctional Rack
Capacity		1060 L	4 shelves distance between each shelf (290mm, adjustable)
Display		7" Color Capacitance Touch Screen	
Temp. Range		Room Temp. Plus 5°C ~ 55°C (Room Temp. 5°C ~ 40°C)	
Temp. Accuracy		0.1°C	
Temp. Uniformity		±0.5°C (@ 37°C, Room Temp. 20°C ~ 25°C)	
Temp. Fluctuation		±0.2°C (@ 37°C, Room Temp. 20°C ~ 25°C)	
CO2 Concentration Range		0 ~ 20%	
CO2 Concentration Accuracy		± 0.1%	
CO2 Sensor		IR	



PYC-30X



Multifunctional Rack  
PY-30-S16



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Combo	Model	<b>PYC-30X</b>	<b>PY-30-S16</b>
	Product Name	Incubator	Multifunctional Rack
CO2 Concentration Recovery Time after Opening Door 30S		10 min	
Humidity Recovery Time after Opening Door 30S		10 min	
Relative Humidity Type		Natural Evaporation from Humidity Pan(3L)	
Disinfection		UV lamps, hydrogen peroxide (optional)	
RS485		Optional	
Power		AC220V±22V,50/60Hz	
Power Supply		≤2800W	
Chamber Dimensions (W x D x H)		880x815x1480mm	
Outer Dimensions (W x D x H)		1150x1030x1875mm	850x750x1450mm
Material		Easy-to-clean seamless stainless steel chamber Premium quality carbon steel shell; Sealed inner glass door + heated outer door	
Outer Door Lock		Mechanical lock( with keys)	
Test Hole		Internal Diameter: 35mm; backside of the incubator	
Alarm		CO2 alarm, Temp. alarm, Temperature sensor abnormal alarm, Independent overheating protection	
Net Weight		345 kgs	80 kgs
Auto-Run after Power Recovery		Yes	