



Air Jacketed CO₂ Incubator LD-LAJI-D11

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Overview

Air Jacketed CO₂ Incubator LD-LAJI-D11 provides dry heat sterilization, uniform temperature and required concentration of CO₂ for the growth of cells, faster door recovery rate, forced air circulation for uniform distribution of humid air directly to the samples. LCD touch screen for observing parameters such as temperature and environmental conditions.

Features:

- Touch LCD screen
- Dry heat sterilization at 180°C
- Optional Tri-gas
- High quality Infrared sensor for CO₂
- Various alarm such as ambient temperature, CO₂%, water level and O₂ (optional)
- Reminder for HEPA filter replacement and for gas shortage
- Polished stainless steel chamber

Applications:

Air Jacketed CO₂ Incubator is used in tissue engineering, In vitro fertilization, Neuroscience, Cancer research, Stem cell research, Regenerative medicine, Mammalian cell research.

Specifications:

rH%	91% @ low rH mode, 94% @ High rH mode
Shelves	3 pcs
Accuracy	O ₂ % @ 1.0%: 24mins ?O ₂ % @ 5.0%: 10mins
Capacity	170 L
O₂ Range	1 ~ 20%
O₂ Sensor	Zirconia
CO₂ Sensor	IR
Net Weight	94 kgs
O₂ Accuracy	±1%
CO₂ Accuracy	±0.1%
CO₂ Recovery	?5 min
Gross Weight	105 kgs
Power Supply	AC220V, 50/60Hz

Humidity Mode	Integrated pan
Max., Shelves	Up to 7 optional
Sterilization	HEPA filter , 0.2 um filter
CO2 Controller	PID microcomputer
Heating Method	Direct Heat & Air Jacketed
Humidity Recovery	15 min
Power Consumption	1000 W
Temperature Range	RT+3 °C to 55 °C
Temperature Ambient	18 - 34 °C
Temperature Accuracy	<±0.1 °C
Temperature Recovery	?10 min
Internal Construction	Polished stainless steel
Shelf Size (W x D mm)	450 x 485 (Big); 450 x 440 (small)
Temperature Uniformity	?±0.3 °C
Internal Size (W x D x H)	490 x 560 x 621 mm
External Size (W x D x H)	670 x 825 x 920 mm
Max., Loading of Each Shelf	12 kgs
Shipping Size (W x D x H)	1135 x 730 x 965 mm