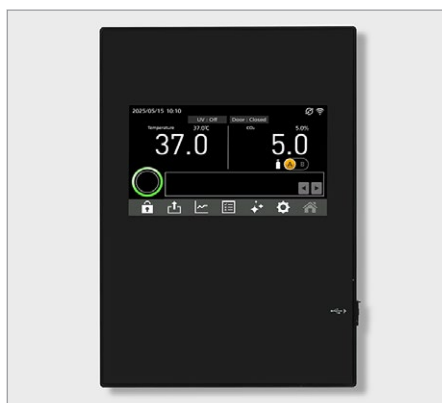


IncuSafe Series

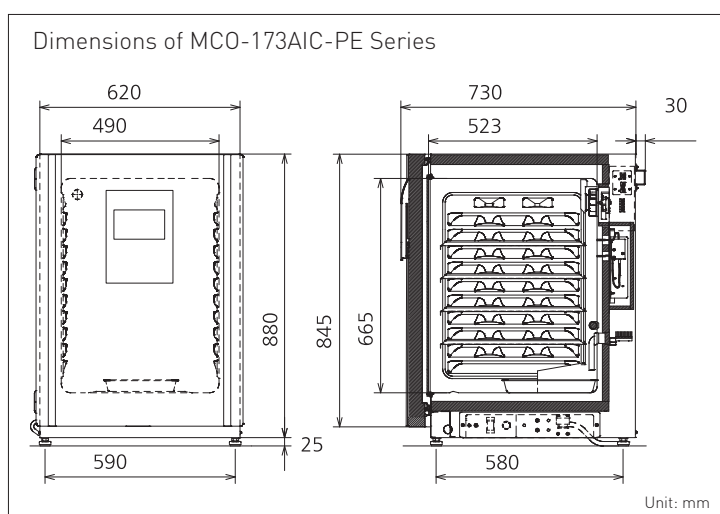


Model Number	MCO-173AIC SERIES (UV/UVH)
Capacity	165 L.
Number of shelves	4, perforated
90ø Dishes per shelf	20
90ø Dishes per unit	80
Factory certifications	ISO9001, ISO13485, ISO14001
Product certifications	CE, Class IIa Medical Device USP
Disposal information	WEEE directive

Temperature Range	-AT +5 ~ +50°C, ±0.1°C
Temperature Uniformity	±0.25°C
Temperature Sensor	Thermistor with P.I.D. control
Heating Method	Direct Heat & Air Jacket System USP
CO ₂ Control Range and Fluctuation	0 ~ 20 %, ±0.15 %
CO ₂ Sensor	Dual IR and P.I.D. Control
Humidity Level and Fluctuation	95 %, ±5 %
Humidity System	Water Pan, 4.7 L. volume
Air circulation	Fan-assisted
Air Filter	0.3 µm, Efficiency: 99.97 % or higher
Sterilization Methods	H₂O₂ decontamination cycle USP UV light USP
Condensation Management	A 'dew stick' – controlled by Peltier technology – condenses water on its surface, which then drips into the humidifying pan, preventing unwanted condensation in the chamber and possible contamination. USP
Exterior Material	Painted Steel (rear cover not painted)
Insulation Material	Extruded polystyrene
Interior Material	Stainless Steel Copper-Enriched Alloy including the shelves USP
Inner door	1 gas tight - made of tempered glass



Display	Large LCD Colour Touchscreen, controlled with gloves, with USB port
Access ports	1, location: Rear Upper Left, inner diameter: 30 mm.
Alarms	Power failure alarm, Out of Temperature Setting, High Temperature, Out of CO ₂ setting, Door Open
Remote Alarm Contact	Allowable contact capacity: DC 30 V, 2 A Analogue interface (4-20mA) 0
Power	230V, 50Hz, single phase
Installation Requirements	Indoor use, altitude up to 2000m, ambient temperature 5 to 40°C, maximum relative humidity of 80% up to 31°C, mains supply voltage fluctuations up to +/-10% of nominal voltage
External Dimensions (W x D x H)	620 x 730 x 905 mm
Footprint	0.45 m ²
Internal Dimensions (W x D x H)	490 x 523 x 665 mm
Net Weight	69 kg



CO ₂ Gas consumption				
Gas consumption Liters/Day	Door open for 30 sec		Door open for 60 sec	
Number of Door openings Times/Day	0x	3x	0x	12x
MCO-173AIC-PE	12.7	46.21	12.7	47.33

Testing conditions
AT: 23 °C
SV: 37 °C
CO₂: 5%

Typical Performance Characteristics MCO-173AIC-PE Series (230V, 50Hz)				
Temperature Pull Up Reference data	to 37 °C from Tamb: 23 °C 120 mins			
Temperature Recovery Time Approximately	Door Opening 60 secs. 19 min.			
CO ₂ Density Recovery Time Approximately	Door Opening 60 secs. 7 min.			
CO ₂ Cylinder Life Approximately	Door Opening 0 1000 days	Door Opening 1 600 days	Door Opening 2 400 days	Door Opening 3 300 days
Humidity Recovery Time Approximately	Door Opening 30 secs – For 90% 38 min.			
Power Consumption	Max. 350 W			
Heat Emission	Max. 1180 kJ/h			
Noise Level	25 dB[A]			



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CE 0123 Available in these countries as Class IIa Medical Device:
Austria, Belgium, Cyprus, France, Germany, Ireland, Italy,
Liechtenstein, Luxembourg, Malta, the Netherlands, Poland,
Spain, Switzerland and the United Kingdom.

CE Available as equipment for laboratory use in:
EEA countries, Switzerland, the United Kingdom and Turkey.