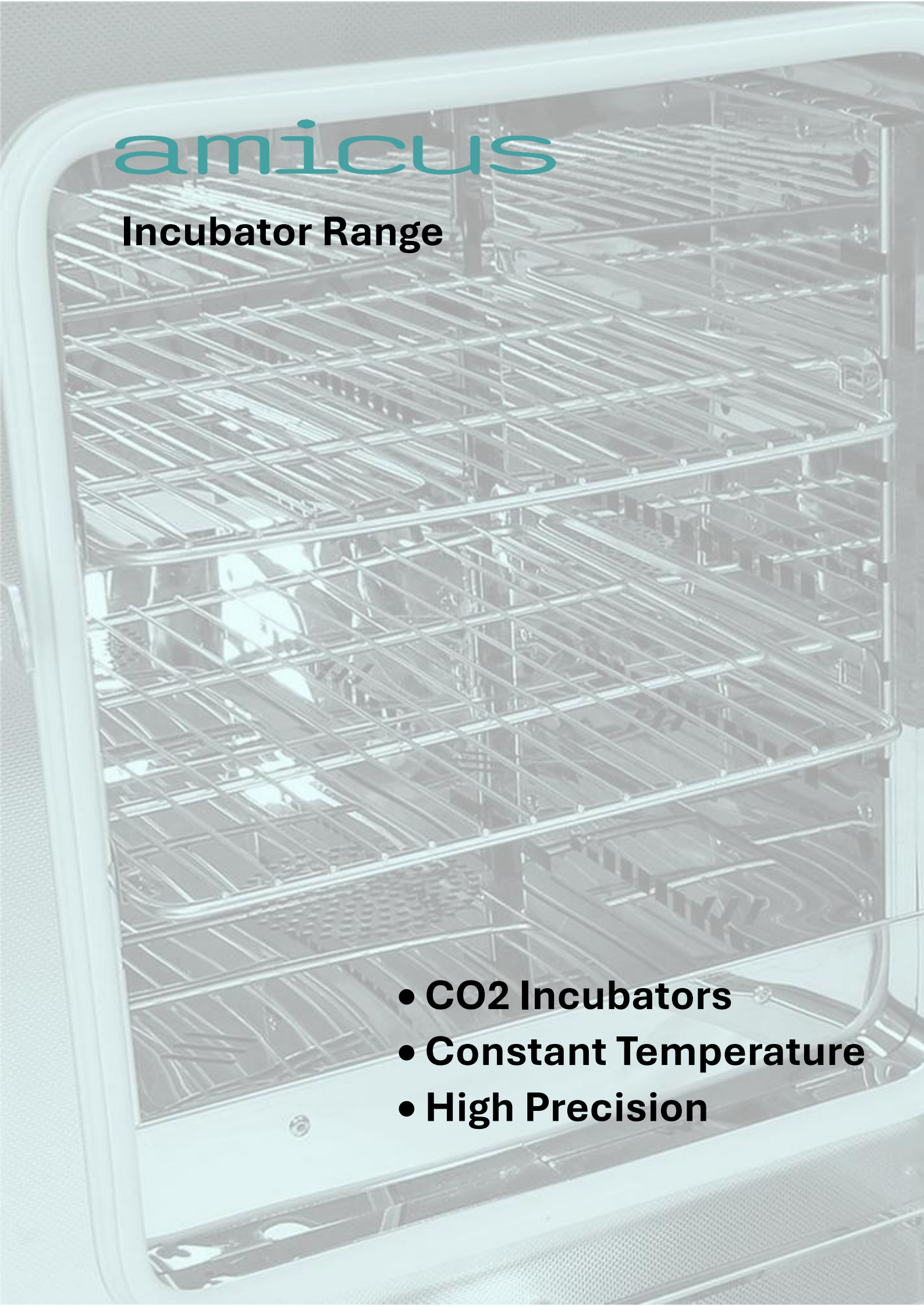


The background of the slide is a photograph of the interior of a laboratory incubator. It features several horizontal wire racks, each with a grid pattern, designed for holding laboratory equipment or samples. The racks are arranged in a tiered fashion, maximizing vertical space. The lighting is even, highlighting the metallic texture of the racks.

amicus

Incubator Range

- **CO2 Incubators**
- **Constant Temperature**
- **High Precision**

CO₂ Incubators

Specifications at a glance

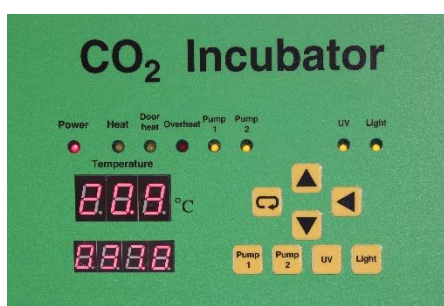
Model	AMC-COI-80A	AMC-COI-80W
Heating mode	Air jacket with fan convection	Water jacket with fan convection
Temp range	Ambient +3 to 60°C	
Temp fluctuation	<±0.2°C	
Temp uniformity	<±0.3°C	
Inner chamber	Stainless steel; tempered glass inner door	
Outer shell	Cold-rolled steel, electrostatically coated	
Insulation	Glass fibre	
Heating method	Air jacket	Water jacket
Humidity method	Water plate natural evaporation	
Power rating	0.6kW	
Temp control	PID	
Functions	Fixed temperature, timed, auto-stop	
Sterilisation type	UV	
CO ₂ control	NDIR	
Filter	HEPA	
Water level sensor	N/A	Yes
Safety functions	Overtemperature alarm, temp. sensor error alarm, low CO ₂ alarm	Overtemperature alarm, temp. sensor error alarm, water shortage alarm, low CO ₂ alarm
Inner chamber dimensions (WxLxH), mm	410x405x510	
External dimensions (WxLxH), mm	570x590x960	
Capacity	80 litres	
Shelf positions	8	
Shelves	2	
Load per shelf	15kg	
Power supply	220VAC, single phase, 2.8A	
Nett weight	60kg	
Gross weight	90kg	



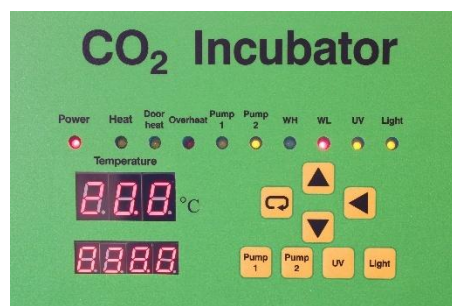
AMC-COI-80A



AMC-COI-80W



AMC-COI-80A
control panel



AMC-COI-80W
control panel

Constant Temperature Incubators

Specifications at a glance

Model	AMC-CTI-45	AMC-CTI-45S
Heating mode	Forced convection	
Temp range	Ambient +5 to 120°C	
Temp resolution	0.1°C	
Temp fluctuation	±1°C	
Temp uniformity	±1.0°C	
Inner chamber	Mirror Stainless Steel	
Outer shell	Cold rolled steel electrostatic sprayed exterior	AISI304 stainless steel
Insulation	High quality foam board	
Heater type	Stainless steel heating element	
Exhaust/entry port	35mm diameter	
Power rating	0.5kW	
Temp control mode	Two temperature section intelligent PID	
Temp setting mode	Touch button setting	
Temp display mode	Upper display: actual temperature Lower display: set temperature	
Timer	0-9999min (with time delay function)	
Functions	Fixed temperature operation, timed operation, auto stop. Adjustable speed fan.	
Additional functions	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory.	
Temp sensor	Pt100	
Safety function	Over temp. audio-visual alarm, independent digital temp. limiter.	
Inner chamber dimensions (WxLxH), mm	310x310x310	
External dimensions (WxLxH), mm	500x550x735	
Packed dimensions, (WxLxH), mm	580x615x895	
Capacity	45 litres	
Shelf positions	6	
Shelves	2	
Load per shelf	15kg	
Power supply	220VAC, single phase, 2.3A	
Nett weight	37kg	
Gross weight	43kg	



AMC-CTI-45



AMC-CTI-45S



AMC-CTI-45
control panel
(AMC-CTI-45S is similar)

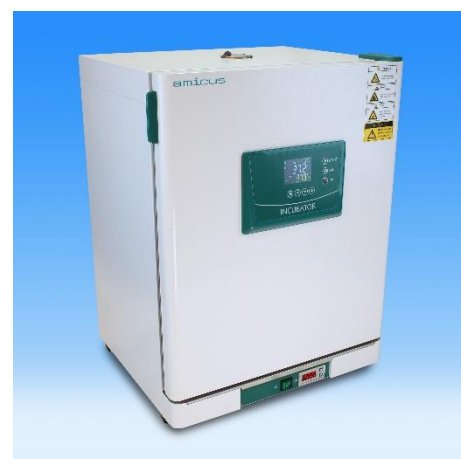
65-Litre and High Precision Incubators

Specifications at a glance

Model	AMC-CTI-65	AMC-HPCTI-65
Heating mode	Natural convection	Forced convection
Temp range	Ambient +5 to 70°C	
Temp resolution	0.1°C	
Temp fluctuation	±1.0°C	±0.5°C
Temp uniformity	±1.0°C	±0.8°C
Inner chamber	Stainless steel	
Outer shell	Cold rolled steel electrostatic sprayed exterior	
Insulation	High quality foam board	
Heater type	Stainless steel element	Mica heating mat
Exhaust/entry port	35mm dia.	
Power rating	0.7kW	0.45kW
Temp control mode	Two temperature section intelligent PID	Intelligent PID
Temp setting mode	Touch button	
Temp display mode	Upper display: actual temperature Lower display: set temperature	
Timer	0-9,999 min or continuous.	
Functions	Fixed temperature, timed, auto-stop.	Digital independent temp limiter.
Sterilisation mode	N/A	UV
Additional functions	Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory.	
Temp sensor	Pt100	
Safety function	Overtemperature alarm	
Inner chamber dimensions (WxLxH), mm	400x360x450	400x350x450
External dimensions (WxLxH), mm	550x550x840	575x480x720
Packed dimensions, (WxLxH), mm	635x625x995	645x562x885
Capacity	65 litres	
Shelf positions	8	10
Shelves	2	
Load per shelf	15kg	
Power supply	220VAC, single phase, 3.2A	220VAC, single phase, 1.1A
Nett weight	44kg	32kg
Gross weight	49kg	45kg



AMC-CTI-65



AMC-HPCTI-65



AMC-CTI-65 LED control panel



AMC-HPCTI-65 LCD control panel