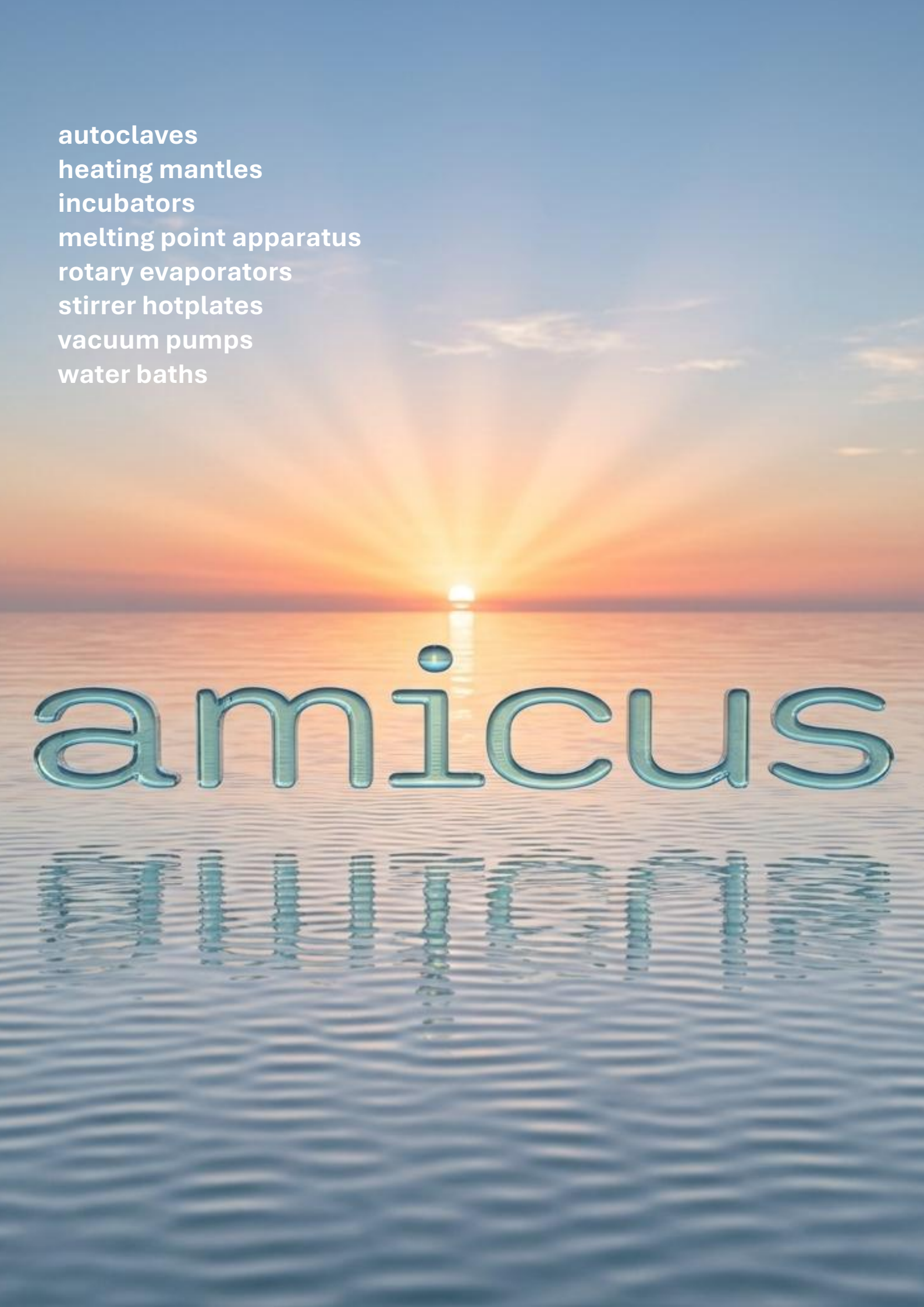

autoclaves
heating mantles
incubators
melting point apparatus
rotary evaporators
stirrer hotplates
vacuum pumps
water baths
amicus

Autoclaves

A range of high-quality, high-performance autoclaves, combining excellent performance and versatility with competitive pricing. The 60-litre versions are fully self-contained, needing no connection to a drain or a mains water supply, simply a standard 13-Amp power supply. All models are fully portable, mounted on heavy-duty castors. Perfect for the microbiology lab with programmes and features specially for media preparation.

Typical Applications:

Research and Development Laboratories:

- Biological and Biochemical Research
- Chemical and Physical Research
- Medical and Clinical Laboratories

Industrial and Quality Control Settings:

- Pharmaceutical Industry
- Food Science and Processing
- Other Industries

Education:

- Schools
- Colleges
- Universities

AMC-GR60-SFU

Features:

- 0.2µm Sartorius PTFE filter
- Filter self-sterilisation
- Cooling fan
- Suitable for BSL-3 labs as supplied
- 316L stainless steel chamber
- Complies with ASME, CE, DOHS, MOM and TS
- Panel mounted printer for temperature, time and F0 value.
- USB output port
- Digital pressure sensor
- Load sensed process timing with wandering PT100 probe
- Saturated steam monitoring
- Locking castors
- Delayed start facility
- Media warming and hold-warm feature
- Auto drying (SRU model only)

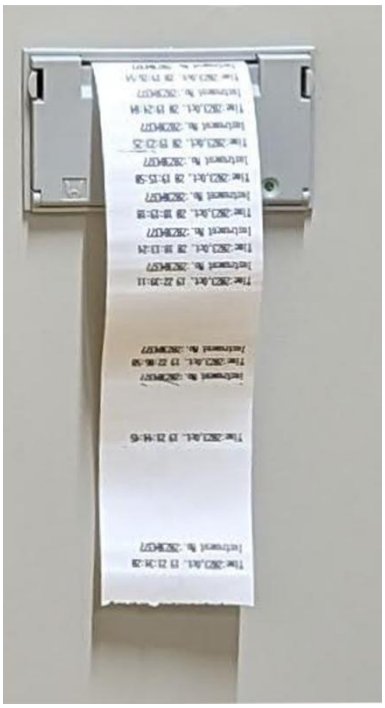
316L stainless steel chamber

Autoclaves

Specifications at a glance

Model	AMC-GR60-SFU	AMC-GR60-SRU	AMC-GR-85-SFU
Capacity	60 litres		85 litres
Chamber dimensions	390mm dia x 505mm deep		390mm dia x 700mm deep
Basket dimensions	370mm dia x 190mm deep		370mm dia x 280mm deep
Basket capacity	2		
Overall dimensions	600x831x980mm (LxWxH)		644x831x980mm (LxWxH)
Weight, dry, empty	111kg		120kg
Rated power	2.3kW		4.6kW
Power requirement	220V±10%, 10A, 50/60Hz		220V±10%, 32A, 50/60Hz
Temperature display accuracy	0.1°C		
Working environment	5-40°C, RH ≤85%		
Chamber material	316L		
Sterilisation temperature range	105-138°C		
Sterilisation time range	1-6,000min (100 hrs)		
Melting temperature range	60-115°C		
Melting time range	1-6,000min (100 hrs)		
Warming temperature range	45-79°C		
Warming time range	1-9,999min (approx. 167 hrs)		
Drying time		1-300min (5 hrs)	
Drying temperature		80-160°C	
Cooling lock range	40-99°C for solids, discard, agar 40-80°C for liquids		
Condensate tank capacity	3 litres	6 litres	3 litres
Water storage capacity	27 litres		
Sterilisation programmes	Liquids, Liquids with warming, Rubber, Fast, Discard, Agar +User defined	Liquids, Liquids with warming, Rubber, Fast, Discard, Agar, Wrapped instruments, Fabrics +User defined	Liquids, Liquids with warming, Rubber, Fast, Discard, Agar +User defined
Programme storage	60 programmes		
Exhaust speed control	Fully automatic internal discharge, choice of 6 levels		
Time delay for auto startup	0-15 days		
Pressure gauge range	-0.1 – 0.5MPa		
Safety valve set pressure	0.29MPa		
Controller	“Inspiration” controller with LCD display		
Available display units	°F, °C, bar, psi, kPa		
Lid opening	Easy single-hand operation		
Locking method	Patented 8-point locking		

Advanced but user-friendly controller



Integral printer as standard

Self-contained condensate tank

Self-filling from any convenient container

Autoclaves

Specifications at a glance

Reagent bottle capacities:

Model	AMC-GR60-SFU-SRU		AMC-GR85-SFU	
Bottle capacity	**No. of baskets**	**Total No. of bottles**	**No. of baskets**	**Total No. of bottles**
250ml	2	36	2	38
500ml	2	24	2	24
1000ml	1	8	2	16
2000ml	1	4	2	8
5000ml	1	1	1	1
10000ml			1	1

Erlenmeyer flask capacities:

Model	AMC-GR60-SFU-SRU		AMC-GR85-SFU	
Flask capacity	**No. of baskets**	**Total No. of flasks**	**No. of baskets**	**Total No. of flasks**
250ml	2	26	2	26
500ml	1	7	2	14
1000ml	1	5	2	10
2000ml	1	2	1	2
5000ml			1	1

Accessories:

AMC-GR60-BASKET	Basket, 190mm deep (for 60 litre models)*
AMC-GR85-BASKET	Basket, 280mm deep (for 85 litre models)*
AMC-GR60-PAIL	Solid container, 320mm deep (for 60 litre models)
AMC-GR85-PAIL	Solid container, 450mm deep (for 85 litre models)
AMC-GR60-TRAY	Spillage tray, 40mm deep (for 60 litre models)
AMC-GR85-TRAY	Spillage tray, 40mm deep (for 85 litre models)

*2 baskets included as standard with all models

Stainless steel basket

Stainless steel container

Stainless steel spillage tray

Unique easy locking system

Load sensing probe stows away in lid when not used

Heavy duty castors – total mobility

Analogue Heating Mantles

A range of versatile, economic heating mantles, providing good, solid performance performance. Ideal for education and other applications where heating by flame would not be advisable.

Features:

- Simple control
- Rapid heating
- Good temperature uniformity
- Sensor clamp, bosshead and rod included
- CE marked and RoHS compliant

Typical Applications:

- Distillation
- Reflux reactions
- Evaporation
- Concentration
- Extraction

Key sectors:

- Chemistry
- Biochemistry and Biology
- Materials science
- Industrial and Environmental
- Education
- Research

Heating element with woven aluminium silicate

Ask us about your free autoclave trial in your own lab, with an option to purchase your demo machine at an amazing price!

Analogue Heating Mantles

Specifications at a glance

Model		HM/1000/100	HM/1000/250	HM/1000/500
Function	Capacity, ml	100	250	500
	Heating mode	Surface heat induction		
	Max surface temperature, °C	450°C		
	Temperature control range	Ambient +2 to 250°C		
Structure	Heating element	Nichrome wire		
	Insulation	Woven aluminium silicate		
	Outer shell	Cold rolled steel plate, surface coated		
Electrical	Heating power	100W	150W	250W
	Voltage	200-240V AC 50Hz		
Analog Controller	Operation mode	Continuous		
Dimensions	External dimensions	220mmØ, 165mmH		
	Packed dimensions	230x230x195mm		
	Nett weight	2.5kg		
	Packed weight	2.8kg		

Custom sizes available

Clear, simple controls

RoHS and CE compliant

Digital Heating Mantles

A range of versatile, quality heating mantles with an advanced controller, combining good performance at a good price. Ideal for a variety of industries and settings, primarily for applications that require precision constant temperature control.

Features:

- Single screen PID controller
- Rapid heating
- Good temperature uniformity
- PT100 load temperature sensor
- Sensor clamp, bosshead and rod included
- CE marked and RoHS compliant

Typical Applications:

- Distillation
- Reflux reactions
- Evaporation
- Concentration
- Extraction

Key Sectors:

- Chemistry
- Biochemistry and Biology
- Materials science
- Industrial and Environmental
- Education
- Research

HM/2002/100 with PT100 temperature probe in use

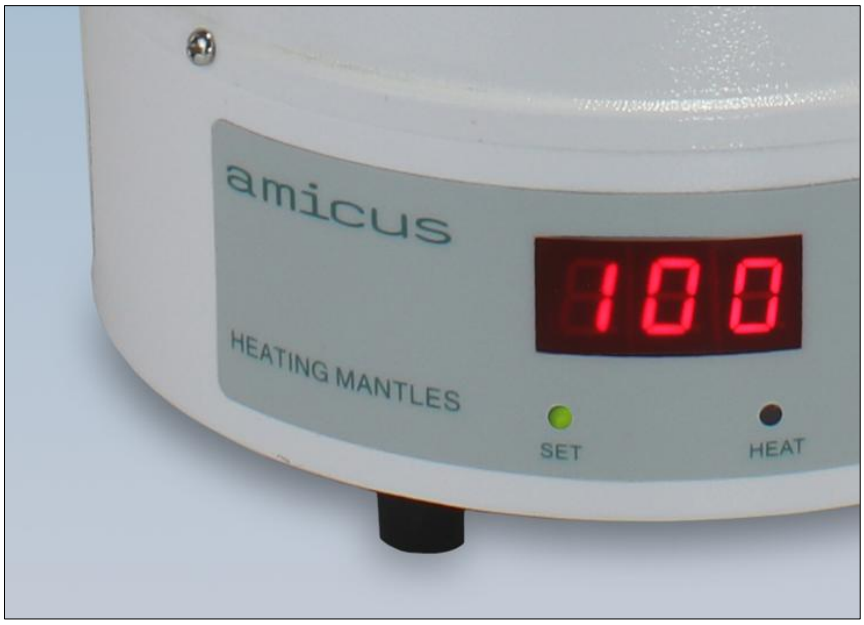
RoHS and CE compliant

Digital Heating Mantles

Specifications at a glance

Model		HM/2002/100	HM/2002/250	HM/2002/500
Function	Capacity, ml	100	250	500
	Heating mode	Surface heat induction		
	Max surface temperature, °C	450°C		
	Temperature control range	Ambient +2 to 250°C		
Structure	Heating element	Nichrome wire		
	Insulation	Woven aluminium silicate		
	Outer shell	Cold rolled steel plate, surface coated		
Electrical	Heating power	100W	150W	250W
	Voltage	200-240V AC 50Hz		
PID Controller	Operation mode	Continuous		
Dimensions	External dimensions	220mmØ, 165mmH		
	Packed dimensions	230x230x195mm		
	Nett weight	2.5kg		
	Packed weight	2.8kg		

Custom sizes available



Clear display and PID controller

Digital Magnetic Stirrer Heating Mantles

A range of versatile, quality heating mantles with advanced controller and magnetic stirring, combining good performance at a good price. Ideal for a variety of industries and settings, primarily for applications that require precision constant temperature control.

Features:

- Single screen PID controller
- Simultaneous heating and stirring
- Rapid heating
- Good temperature uniformity
- Precise temperature control
- Stepless speed adjustment
- PT100 load temperature sensor
- Sensor clamp, bosshead and rod included
- CE marked and RoHS compliant

Typical Applications:

- Organic synthesis
- Distillation and reflux
- Extraction
- Sample prep
- Stability testing
- Quality control

Key sectors:

- Chemistry
- Biochemistry and Biology
- Materials science
- Industrial and Environmental
- Education
- Research

AMC-MSHM-1000

PT100 temperature probe in use

Digital Magnetic Stirrer Heating Mantles

Specifications at a glance

Model		AMC-MSHM-1000	AMC-MSHM-2000	AMC-MSHM-1000
Function	Capacity, ml	1000	2000	3000
	Heating mode	Surface heat induction		
	Max surface temperature, °C	450°C		
	Temperature control range	Ambient +2 to 250°C		
	Speed range	0-1,600prm		
Structure	Heating element	Nichrome wire		
	Stirrer bar	PTFE		
	Insulation	Woven aluminium silicate		
	Outer shell	Cold rolled steel plate, surface coated		
Electrical	Motor power	0.01kW		
	Heating power	350W	450W	600W
	Voltage	200-240V AC 50Hz		
PID Controller	Operation mode	Continuous		
Dimensions	External dimensions	280mmØ, 220mmH	330mmØ, 230mmH	340mmØ, 245mmH
	Packed dimensions	290x290x300mm	340x340x350mm	360x360x300mm
	Nett weight	5.5kg	6.5kg	7.5kg
	Packed weight	6kg	7kg	8kg

Custom sizes available

Heating element with woven aluminium silicate

RoHS and CE compliant

Constant Temperature Incubators

AMC-CTI-45 Constant temperature incubator, 45 litres, ambient +5 to 120°C

A rugged incubator with viewing window, ideal for labs where frequent visual checks are required. Also used extensively in cell culture labs, research labs and education.

- Variable speed fan circulation.
- Versatile PID control.
- Mirror finish stainless steel chamber.
- Vertical double-duct air circulation for horizontal air flow.
- Good temperature uniformity.
- Separate digital temperature limiter for added safety.
- Heavy duty shelves.
- Powder coated steel cabinet for durability.
- CE marked and RoHS compliant.

AMC-CTI-45S Constant temperature incubator, 45 litres, ambient +5 to 120°C

A rugged incubator with stainless steel outer cabinet. Ideal for high-hygiene and aseptic environments, labs using harsh disinfectants, pharma and biotech.

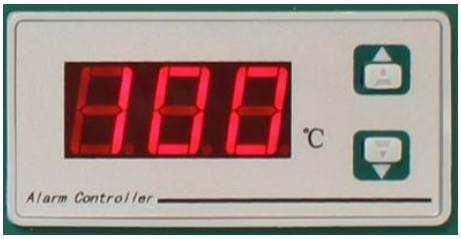
- Variable speed fan circulation.
- Versatile PID control.
- Mirror finish stainless steel chamber.
- Vertical double-duct air circulation for horizontal air flow.
- Good temperature uniformity.
- Separate digital temperature limiter for added safety.
- Heavy duty shelves.
- Stainless steel cabinet. Chemical resistant, hygienic and easy to clean.
- CE marked and RoHS compliant.

Constant Temperature Incubators

Specifications at a glance

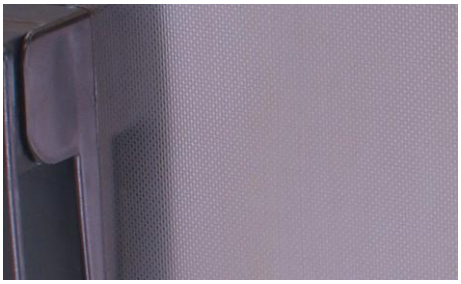
Model	AMC-CTI-45	AMC-CTI-45S
Heating mode	Forced convection	
Temp range	Ambient +5 to 120°C	
Temp resolution	0.1°C	
Temp fluctuation	±1°C	
Temp uniformity	±1.0°C	
Inner chamber	Mirror Stainless Steel	
Outer shell	Cold rolled steel electrostatic sprayed exterior	AISI304 stainless steel
Insulation	High 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	

Intelligent PID controller



Independent overtemperature protection

Variable speed fan



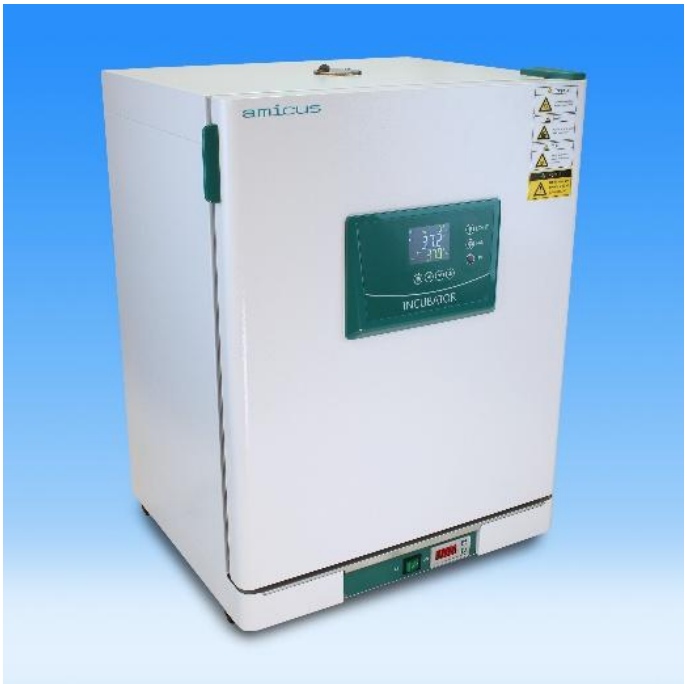
Textured AISI304 stainless cabinet (AMC-CTI-45S)

65-Litre and High Precision Incubators

AMC-CTI-65 Constant temperature incubator, 65 litres, ambient +5 to 70°C

A versatile and user-friendly incubator, ideal for multi-user academic and research core facilities, QC labs and labs with sensitive or expensive research material.

- Natural convection, ideal for powders
- User-friendly PID control.
- Bright, clear LED display, angled for easy reading.
- Mirror finish stainless steel chamber.
- Heater mat for uniform temperature.
- Separate digital temperature limiter for added safety.
- Heavy duty shelves.
- Powder coated steel cabinet for durability.
- Tempered glass inner door.
- Password control for added security.
- CE marked and RoHS compliant.



AMC-HPCTI-65 High precision constant temperature incubator, 65 litres, ambient +5 to 70°C

An advanced and versatile precision incubator, ideal for Research, QC, environmental testing labs and stability testing.

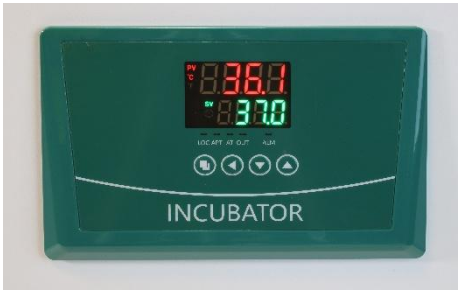
- Variable speed fan circulation.
- Versatile PID control.
- Mirror finish stainless steel chamber.
- Heater mat for uniform temperature.
- Excellent temperature uniformity.
- Separate digital temperature limiter for added safety.
- Heavy duty shelves
- Powder coated steel cabinet for durability.
- Tempered glass inner door.
- UV sterilisation.
- CE marked and RoHS compliant.

65-Litre and High Precision Incubators

Specifications at a glance

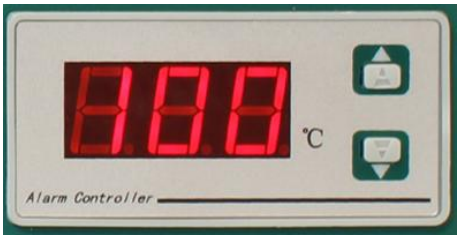
Model	AMC-CTI-65	AMC-HPCTI-65
Heating mode	Natural convection	Forced convection
Temp range	Ambient +5 to 70°C	
Temp resolution	0.1°C	
Temp fluctuation	±1.0°C	±0.5°C
Temp uniformity	±1.0°C	±0.8°C
Inner chamber	Stainless steel	
Outer shell	Cold rolled steel electrostatic sprayed exterior	
Insulation	High 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

5° angled display for comfort



AMC-CTI-65 LED control panel

AMC-HPCTI-65 LCD control panel



Independent over-temperature protection

Interior light, fan convection and UV sterilisation (HPCTI only)

Melting Point Apparatus

A reliable device used to determine the melting points for different substances with melting points up to 450°C. Can measure 3 samples simultaneously. The temperature is regulated by the knob fitted on the front panel. A white LED is incorporated within the unit for a clear view of the melting process. A lens window is also provided. The background behind the capillary tubes can be changed using a knob at the rear.

Typical Applications:

- Checking organic synthesis
- Purity determination
- Material characterisation
- Forensics

Key Sectors:

- Education
- Quality control
- Pharmaceutical
- Food industry

Features:

- Multiple Sample Capacity
- Rapid heat feature
- Background light for a clearer view
- Thermometer support holder
- Easy Operation
- Compact Size
- Durable Construction

AMC-MP-150

Magnifying viewing window

Clear simple control

Specifications at a glance

Temperature Range	Up to 450°C
Sample capacity	3
Capillary tube size	100x1.4x1mm (LxODxID)
Detection method	Visual
Control system	Electronic circuit-based heat rate controller
Backlight	Included
Background	Adjustable
CE certification	Yes
Electrical	220VAC ±10%, 50/60Hz, 60W
Dimensions	205x125x185mm (LxWxH)
Approx. weight	2kg
Operating conditions	Max ambient temp. 50°C; 75% RH

Rotary Evaporators

A range of efficient, competitively priced rotary evaporators for routine and educational use. For diverse scientific fields for efficient, low-temperature solvent removal.

Typical Applications:

- Solvent removal, concentration and recovery
- Purification of compounds
- Drug discovery
- Natural product extraction
- Analytical sample preparation
- Crystallisation and drying

Key Sectors:

- Pharmaceutical & Biotechnology Industry
- Chemical Industry
- Food and Beverage Industry
- Environmental testing
- Education

Complete assembly

Features:

- Borosilicate glassware
- Efficient water bath heating
- Good temperature precision
- PTFE and fluoro rubber seals

Powerful brushless motor

Specifications at a glance

Model	1000	3000	5000
Water bath power	1200W	1500W	
Bath temp. range	Ambient to 250°C		
Temp. precision	±2°C		
Bath lifting	Manual		
Sealing	PTFE gasket, fluoro rubber sealing		
Evaporation flask	1000ml	3000ml	5000ml
Receiving flask	1000ml	3000ml	
Condenser effective surface	0.2m^2	0.25m^2	0.25m
Condenser volume	1.5L	1.8L	
Rotating speed	0-120rpm		
Motor power	40W		
Power requirements	220-240V 50Hz		
Overall dimensions	750x350x760mm	750x390x1100mm	
Bath dimensions	360x300x230mm	410x350x260mm	
Bath volume	7.5L	11.5L	

Intelligent temperature control

Stirrer Hotplates

A range of rugged, high-performance, yet competitively priced hotplates with magnetic stirring included. Available with both analogue and digital control.

Typical Applications:

- Chemical Synthesis & Reactions
- Sample Preparation & Dissolving
- Biological & Microbiological Research
- Pharmaceutical Formulation
- Analytical Chemistry

Key Sectors:

- Food and Beverage Industry
- Environmental Testing
- Education

AMC-MSA-120

Features:

- Ceramic coated heating plate
- Complete with PTFE stirrer bar, support stand and thermometer holder
- CE marked and RoHS compliant
- Solid, stable base – low vibration
- Can be safely used for 8 hours continuously at moderate speed and 4 hours continuously at high speed.

AMC-MSD-190

Specifications at a glance

Model	AMC-MSA-120	AMC-MSA-170	AMC-MSD-190
Heater Power	180W	500W	600W
Maximum temp.	380°C		350°C
Plate size	120x120mm	170x170mm	190x190mm
Plate material	Ceramic		
Stirring speed	100-2,000rpm		200-2,000rpm
Motor power	10W	20W	
Capacity	1 litre	3 litres	5 litres
Control	Analogue		Digital
	Independent knobs for heating and stirring control.		Touch button control
	Continuous		Timer
Temp sensor	Not supplied		PT100
Accessories	PTFE stirrer bar, support stand and thermometer holder		
Dimensions	216x318x127mm	208x360x105mm	320x190x125mm
Packed weight	2.5kg	3.5kg	6kg
Power supply	220-240VAC		

Advanced Water Baths

A range of versatile, quality water baths with modern design and performance that take laboratory water baths to the next level. The glass touch panel allows for temperature and timer controls with three configurable program buttons for quick launching of temperature setpoints.

Typical Applications:

- DNA/RNA denaturisation
- PCR preparation
- Hybridisation
- Media preparation
- Incubation
- Thawing
- In vitro diagnostics
- Enzyme kinetics
- Immunoassays

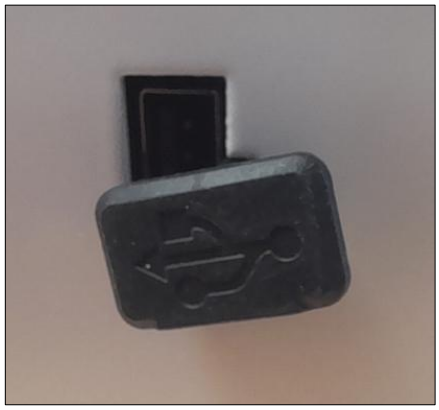
Clear, bright OLED display

Perfect for use with thermal transfer beads

Features:

- Sleek design
- Advanced digital controls
- Programmable setpoints for ease of use
- Precise temperature control
- Bright, easy-to-read OLED display
- Built in timer
- Glass touch panel
- Dry-start protection feature for improved safety
- Over-temperature cut-off & alarm to protect samples from over heating
- Celsius or Fahrenheit display
- Innovative dual lid design (5 litre model)
- Simple calibration

Innovative heater mat design for even heating without circulation

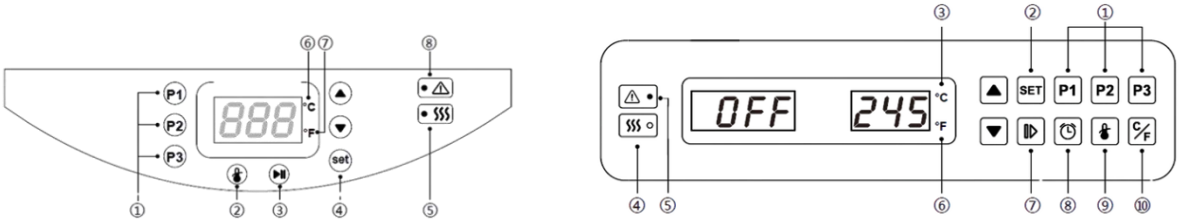


Convenient USB port

Advanced Water Baths

Specifications at a glance

Model	AMC-WBO-2	AMC-WBO-5	AMC-WBO-13
Temperature range	Ambient +5°C to 99°C		
Over temp cut-off	Yes		
Dry-start protection	Yes		
Temp stability	±0.5°C		±0.3°C
Display resolution	0.1°C		
Chamber dimensions (WxDxH)	150x138x150mm	150x300x150mm	300x240x200mm
Temp display	LED		
Time display	LED		
Time set range	1-999min		0-99H 59M
Dimensions incl cover (WxDxH)	188x232x285mm	188x394x285mm	340x348x427mm
Weight (empty)	3.0kg	4.5kg	7.3kg
Input	200-240V 50-60Hz		
Power	200W	450W	1000W
Permissible ambient temp	10-35°C		
Temp uniformity	±0.5°C		
Lid format	Single	Dual	Single
Chamber material	Stainless steel		
Chamber drain	No		Yes
Temp units	°C/°F		
No. of programmes	3		
Warranty	2 years		
Accessories	AMC-TTB-2 Thermal transfer beads, 2mm, pack of 1.7kg		



Sophisticated, yet intuitive user interface

Advanced Water Baths

The Heater Mat – A Design Innovation

At the heart of our Advanced water baths is the Heater Mat, simple yet so effective, making a huge difference to temperature performance.

These mats are made of silicone, and are bonded to the base of the chamber, as seen opposite.

Maybe not much to look at with the cover off, but this innovative heater mat makes a huge difference.

These have several advantages over traditional coil heating elements:

- **Even Heat Distribution:** No "dead zones" around a coil — the case of the chamber heats evenly, providing more consistent convection and uniformity.
- **Superior Durability & Longevity:** The silicone mat withstands repeated thermal cycling without the mechanical fatigue that can affect coil wire over time.
- **Superb Corrosion Resistance:** Reducing the risk of degradation caused by moisture or chemical exposure inside the chamber.
- **Enhanced Safety:** Having no exposed metal elements lowers the risk of electrical short-circuits.
- **Remarkable performance:** Silicone heater mats have lower surface watt density. But, by using good thermal bonding between the mat and the chamber and using slightly higher wattage pads to offset the losses, similar heating speeds to other leading brands in the market can be achieved. Internal testing has yielded the following results:

Capacity	Amicus		Leading Competitor	
	Power, W	Time, min	Power, W	Time, min
2 litres	180	61	250	60
5 litres	450	58	350	70
13 litres	1000	64	800	80
24 litres	1500	59	1400	70

Important note: These are in-house tests and not independently verified and serve as guidelines only.

Advanced Water Baths

Meet the family – perfect for the modern lab

AMC-WBO-2
Compact

AMC-WBO-5
Versatile

AMC-WBO-13
Sophisticated

Dry-start
protection
feature

Transparent
lid and base
plate

Water Baths

A range of versatile, quality water baths, combining good performance at a good price. Ideal for a variety of industries and settings, primarily for applications that require precision constant temperature or auxiliary heating. They are a safe heat source for flammable chemicals.

Typical Applications:

Research and Development Laboratories:

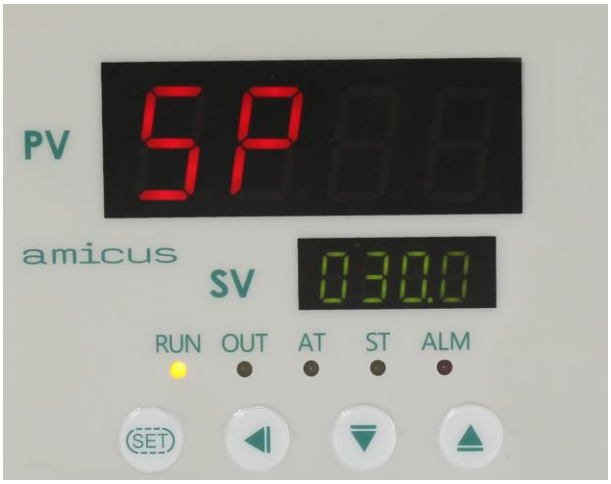
- Biological and Biochemical Research
- Chemical and Physical Research
- Medical and Clinical Laboratories

Industrial and Quality Control Settings:

- Pharmaceutical Industry
- Food Science and Processing
- Other Industries

Education:

- Schools
- Colleges
- Universities



Features:

- Stainless steel, deep-drawn, seamless tank for hygiene and ease of cleaning
- Stainless steel cover with concentric rings
- Chemical resistant surface coating
- User-friendly PID controller
- Bright LED display
- Over-temperature alarm
- Short-circuit protection
- Timer and time delay functions
- CE marked and RoHS compliant

Water Baths

Specifications at a glance

Model	AMC-WBS-1	AMC-WBS-12	AMC-WBS-24	AMC-WBS-26
Heating mode	Natural water convection			
Temp range	Ambient +5 to 100°C			
Temp resolution	0.1°C			
Temp fluctuation	±0.5°C			
Temp uniformity	±1.0°C			
Inner chamber	Stainless steel, deep drawn			
Outer Shell	Cold - rolled steel plate, chemical resistant surface coating			
Cover material	Stainless steel			
Cover aperture	110mm dia			
No. of apertures	1	2	4 (2x2)	6 (2x3)
Covers/ rings per aperture	3			
Heater type	Stainless steel			
Power rating	400W	500W	1000W	1500W
Temp control mode	PID			
Temp setting mode	Touch button			
Temp display mode	Upper display: actual temperature Lower display: set temperature			
Timer	0-9,999 min (with delay function)			
Functions	Fixed temperature, timed, auto-stop.			
Additional functions	Error correction, menu key lock, power failure back-up, power-off memory.			
Temp sensor	Cu50			
Safety function	Overtemperature alarm, short circuit protection			
Inner chamber dimensions (WxLxH), mm	150x135x150	300x135x150	325x300x150	500x300x150
External dimensions (WxLxH), mm	170x154x210	316x168x210	350x318x210	524x322x210
Packed dimensions, (WxLxH), mm	240x230x280	390x240x280	420x390x280	600x390x280
Nominal capacity	3.4 litres	6.1 litres	14.6 litres	22.5 litres
Maximum load	5kg			
Power supply	220VAC, single phase, 1.8A	220VAC, single phase, 2.3A	220VAC, single phase, 4.5A	220VAC, single phase, 6.8A
Nett weight	3.3kg	4.5kg	6kg	7kg
Gross weight	4kg	5kg	7kg	9kg

AMC-WBS-1

AMC-WBS-12

AMC-WBS-24

Controller detail

CE marked and RoHS compliant

AMC-WBS-26

Vacuum Pump

This diaphragm pump is meticulously engineered to deliver a free flow rate of 30L/min, making it the ideal solution for a wide range of applications including vacuum filtration, desiccation, and many other lab processes.

Typical Applications:

- Vacuum filtration
- Desiccation
- Solid phase extraction
- Rotary evaporation and distillation
- Gas analysis and sampling
-

Key Sectors:

- Education
- Pharmaceutical
- Biotechnology
- Research
- Chemical processing

Features:

- Oil-free
- Lightweight
- Quiet
- Compact
- Fast heat dissipation
- Suitable for continuous use

AMC-VP-1000

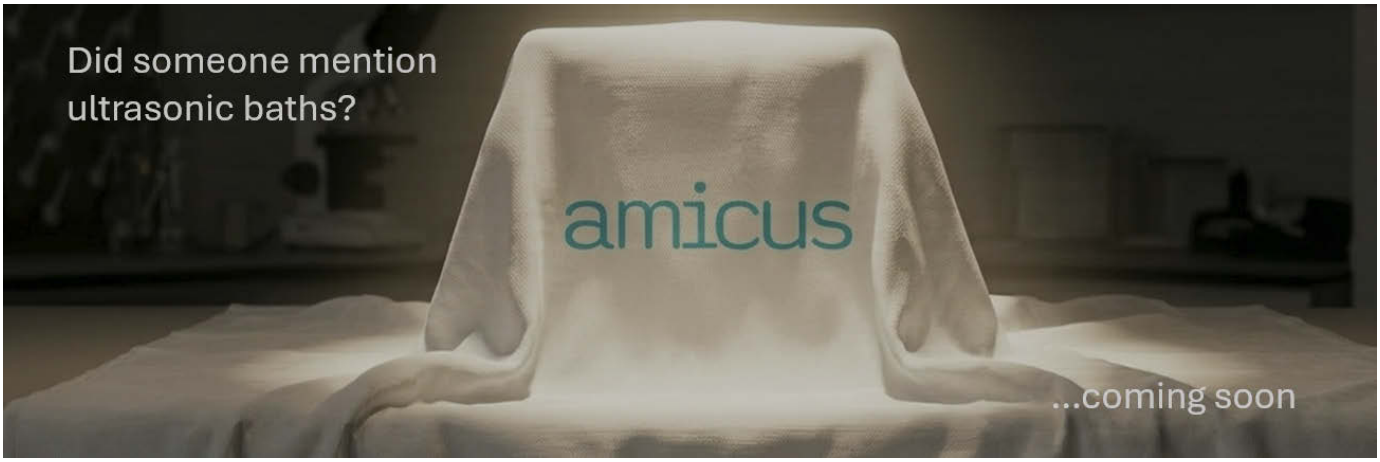
Clear, easy to read gauge

Comfortable carrying handle

UKCA rated

Specifications at a glance

Model	AMC-VP-1000
Extraction flow rate	15L/min
Vacuum pressure	≥ 92 kPa
Power	50W
Power supply	220V/50 Hz
Product dimensions	240 x 135 x 235 mm
Weight	3.3kg
Optimum working time	30 mins
Max working temperature	40°C



Amicus 260-522