

ZEALWAY
Curated by **amicus**

Distributed by
smith
SCIENTIFIC



...the technical stuff

Smith Scientific Limited, Juniper Place, Fircroft Way, Edenbridge, Kent TN8 6EL, England
www.smithscientific.com | Tel: +44 (0) 1732 864 864 | info@smithscientific.co.uk

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.
- Digital pressure sensor
- Load sensed process timing with wandering PT100 probe
- Saturated steam monitoring
- Locking castors
- Auto drying (SRU model only)

Weights and dimensions:

Model	AMC-GR60-SFU	AMC-GR60-SRU	AMC-GR85-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

Power requirements:

Model	AMC-GR60-SFU	AMC-GR60-SRU	AMC-GR85-SFU
Rated power	2.9kW		4.6kW
Power requirement	220V±10%, 16A, 50/60Hz		220V±10%, 32A, 50/60Hz

Performance:

Model	AMC-GR60-SFU	AMC-GR60-SRU	AMC-GR85-SFU
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		
Waste water tank	3 litres		
Cooling water tank	6 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 start up	0-15 days		
Pressure gauge range	-0.1 – 0.5MPa		
Safety valve set pressure	0.29MPa		
Controller	“Inspiration” controller with LCD display		
Lid opening	Easy one-hand operation		
Locking device	Patented 8-point locking		

Reagent bottle capacities:

Model	AMC-GR60-SFU/SRU		AMC-GR85-SFU	
	Bottle capacity	No. of baskets	Total No. of bottles	No. of baskets
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
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 Autoclave Basket, 190mm deep (for 60 litre model)
AMC-GR85-BASKET Autoclave Basket, 280mm deep (for 85 litre model)

For even more information contact:

amicus

Distributed by:

Smith Scientific Limited

Juniper place | Fircroft Way | Edenbridge | Kent, TN8 6EL | England

Tel: +44 (0) 1732 864 864 | Email: info@smithscientific.co.uk

Due to our policy of continuing product improvement the above specifications are for guidance only and subject to change without notice.