

# Incubators

## memmert Cooled Incubators

### Cooled Incubators, ICP-series

- ◆ Temperature range ambient -12°C to +60°C (except IN510-12 which is ambient -5°C to +60°C), temperature accuracy: ±0.1°C
- ◆ Stainless steel interior and exterior (external rear-panel zinc-plated steel)
- ◆ Fan circulation and compressor-driven cooling
- ◆ With TwinDISPLAY controlCOCKPIT: displaying temperature (°C or °F), fan speed and programme time. Includes two Pt100 DIN Class A temperature sensors and heatBALANCE function to adjust heating power distribution. Multiple overtemperature protection monitoring and mechanical temperature limiter (TB Class 1) to DIN 12 880, with alarm settings. Also includes AUTOSAFETY function allowing automatic adjustment to the set value within a freely adjustable tolerance range. AtmoCONTROL logging software offers online monitoring of up to 32 connected appliances, optical alarms and automatic alarm email notifications. Also includes programme sequence display and repeat functions which can be transferred via ethernet or USB interfaces provided
- ◆ 10 year datalogger
- ◆ R134a refrigerant
- ◆ Inner glass door

Model		ICP55	ICP110	ICP260	ICP450*
Capacity	litres	53	108	256	449
Internal (External)	H mm	400 (1153)	480 (1233)	800 (1552)	720 (1613)
	W mm	400 (585)	560 (745)	640 (824)	1040 (1224)
	D mm	330 (514)	400 (584)	500 (684)	600 (784)
Shelves supplied		1	1	2	2
Max. shelf positions		4	5	9	8
Power rating	kW	0.5	0.5	0.7	0.75
Net weight	kg	89	113	157	217

\*Double door model, mounted on lockable castors.

As described. With compressor-driven cooling, TwinDISPLAY controller, integral process timer adjustable from 1 minute to 99 days, 23 hours, multiple overload protection, twin TFT display of temperature, time, fan speed and exhaust air flap position, chamber ventilation slide adjustment and stainless steel grid shelves. For 230V 50/60Hz single phase supplies.

- IN510-12** ICP55, 53 litres      **IN510-22** ICP260, 256 litres  
**IN510-17** ICP110, 108 litres      **IN510-27** ICP450, 449 litres

### Accessory shelves for all Cooled incubators

Stainless steel wire grid.

- IN473-06** For 53 litre incubator      **IN473-10** For 256 litre incubator  
**IN473-08** For 108 litre incubator      **IN473-12** For 449 litre incubator

### Cooled Incubators, IPP-series

- ◆ Temperature range 0°C to +70°C (within ambient +16°C to +40°C), temperature accuracy: ±0.1°C
- ◆ Stainless steel interior and exterior (external rear-panel zinc-plated steel)
- ◆ Fan circulation and Peltier technology cooling
- ◆ Choice of controller:
  - SingleDISPLAY controlCOCKPIT: displaying temperature (°C or °F), fan speed and programme time. Includes one Pt100 DIN Class A temperature sensor in a 4 wire circuit and ethernet interface. Dual overtemperature protection with freely adjustable monitoring of temperature and mechanical temperature limiter (TB Class 1) to DIN 12 880. With AtmoCONTROL logging software for online monitoring of up to 32 connected appliances, optical alarms when set alarm limits are exceeded and automatic alarm email notifications.
  - TwinDISPLAY controlCOCKPIT: as SingleDISPLAY controlCOCKPIT but with two independent displays, two Pt100 DIN Class A temperature sensors, heatBALANCE function to adjust heating power distribution and multiple overtemperature protection monitoring. Also includes AUTOSAFETY function allowing automatic adjustment to the set value within a freely adjustable tolerance range and programme sequence display and repeat functions which can be transferred via ethernet or USB interfaces.
- ◆ 10 year datalogger
- ◆ Almost silent
- ◆ Inner glass door

Model, SingleDISPLAY TwinDISPLAY		IPP30	IPP55	IPP110	IPP260
	litres	IPP30Plus	IPP55Plus	IPP110Plus	IPP260Plus
Capacity	litres	32	53	108	256
Internal (External)	H mm	320 (707)	400 (787)	480 (867)	800 (1186)
	W mm	400 (585)	400 (585)	560 (745)	640 (824)
	D mm	250 (524)	330 (604)	400 (674)	500 (774)
Shelves supplied		1	1	2	2
Max. shelf positions		3	4	5	9
Power rating	kW	0.16	0.28	0.65	0.82
Net weight	kg	40	52	78	114

As described. With Peltier module cooling, controller, integral process timer adjustable from 1 minute to 99 days, 23 hours, multiple overload protection, twin TFT display(s) of temperature, time, fan speed and exhaust air flap position, chamber ventilation slide adjustment and stainless steel grid shelves. For 230V 50/60Hz single phase supplies.

### SingleDISPLAY controller

- IN525-08** IPP30, 32 litres  
**IN525-12** IPP55, 53 litres  
**IN525-17** IPP110, 108 litres  
**IN525-22** IPP260, 256 litres

### TwinDISPLAY controller

- IN527-08** IPP30plus, 32 litres  
**IN527-12** IPP55plus, 53 litres  
**IN527-17** IPP110plus, 108 litres  
**IN527-22** IPP260plus, 256 litres



IN510-27



IN527-22