

Oven / Incubator

New Model :

Single Display (Natural convection , fan circulation)

Twin Display (Natural convection , fan circulation)

memmert
Experts in Thermostatics

Oven

Touch, turn & go. Quick setup in three steps. On this site we have comprehensively gathered the corresponding equipment of the two model variants SingleDISPLAY and TwinDISPLAY.

- >> Temperature range up to +300 °C
- >> 8 model sizes 30 to 750
- >> Two model
- >> Natural convection or forced air circulation N/F

Incubator

In the laboratory, our incubator is ideal for all applications with temperatures up to + 80 °C - specifically for incubating living cultures at +37 °C. Thanks to the finely-tuned control technology, critical temperature overshoots are completely ruled out, valuable loads are therefore warmed up particularly carefully.

- >> Temperature range up to +80 °C
- >> 8 model sizes 30 to 750
- >> Two model
- >> Natural convection or forced air circulation N/F
- >> Double doors (interior glass, exterior stainless steel) for a clear view without a drop in temperature





ControlCOCKPIT with one TFT-Display



ControlCOCKPIT with two TFT-Display

Structured stainless steel housing, rear of zinc-plated steel, ControlCOCKPIT for operation and adjustment of all parameters

High-temperature connectors on the rear of the appliance for single-phase power connection according standards to country specific systems and IEC standards

Internal data logger with a storage capacity of at least 10 years

German, English, French, Spanish language settings available on the ControlCOCKPIT

Digital timer, adjustable between 1 minute and 99 days, 23 hours

The SetpointWAIT function guarantees that the process time does not start until the set temperature is reached at all measuring points - optional for temperature values recorded by the freely positionable Pt100 sensors inside the chamber

Adjustment of three calibration values for temperature and additional appliance specific parameters directly at the ControlCOCKPIT (e. g. relative humidity)

Available parameters on the ControlCOCKPIT: Temperature (Celsius or Fahrenheit), fan speed, exhaust air flap position, programme time, relative humidity, illumination, CO₂, O₂, pressure, time zones, daylight-saving time

One temperature sensor Pt100 DIN class A in a 4-wire circuit

Two Pt100 sensors DIN class A in a 4-wire circuit for mutual monitoring, taking over functions in case of an error

Ethernet interface on the rear of the appliance for reading out the protocol log

Ethernet interface on the rear of the appliance for reading out the protocol log and for uploading and implementing programmes and for online logging







Double overtemperature protection: Electronic temperature monitoring with freely adjustable monitoring temperature, mechanical temperature limiter TB acc. to DIN 12 880

Multiple overtemperature protection: Electronic temperature monitoring TWW/TWB (protection class 3.1 or 2 resp. 3.3 for units with active cooling) mechanical temperature limiter TB (protection class 1) acc. to DIN 12 880, AutoSAFETY automatically adjusts to the set value within a freely adjustable tolerance range. parameters such as relative humidity, CO₂ Setting individual MIN / MAX values for over/ undertemperature and also for all other

HeatBALANCE function for application specific adjustment of heating power distribution (balance) between the upper and lower heating groups in an adjustment range between -50 % and +50 %

ControlCOCKPIT with USB port for uploading programmes, reading out protocol logs, activating the User-ID function

Displaying of already logged protocol data on the ControlCOCKPIT (max 10,000 values correspond to approx. 1 week)

<p>Convenience and precision</p>  <p>Read here about the functions that make our Generation 2012 appliances even more user-friendly.</p>	<p>Model variants</p>  <p>Which of the two model variants SingleDISPLAY or TwinDISPLAY suits your needs best, depends on your individual application.</p>	<p>Drag, drop & go!</p>  <p>User-friendliness and simple operation is the key factor of the completely new developed software AtmoCONTROL.</p>
<p>Easy handling</p>  <p>Ultimate convenience</p> <p>Numerous convenient functions of Generation 2012 make working in the lab a lot easier.</p>	<p>Unlimited communication</p>  <p>Modern interfaces</p> <p>No matter where you are, your Generation 2012 appliance is always easily accessible.</p>	<p>Technology brochure</p>  <p>Download brochure</p> <p>All the technological highlights, that have contributed to the uniqueness of our appliances, especially our Generation 2012 appliances.</p>

Highly sensitive extremely accurate : Incubator IN,IF, INplus,IFplus

Universal Ovens : Oven UN,UF, UN plus,UF plus

<i>Single display</i>		<i>Twin display (Plus)</i>		<i>Size</i>	<i>External (mm)</i>	<i>Internal (mm)</i>	<i>shelf</i>
<i>UN/IN</i>	<i>UF/IF</i>	<i>UN /IN</i>	<i>UF /IF</i>	<i>(L)</i>			
30	30	30	30	32	585 x 707 x 434	400 x 320 x 250	1
55	55	55	55	53	585 x 787 x 514	400 x 400 x 330	1
75	75	75	75	74	585 x 947 x 514	400 x 560 x 330	2
110	110	110	110	107	745 x 867 x 584	560 x 480 x 400	2
160	160	160	160	161	745 x 1107 x 584	560 x 720 x 400	2
260	260	260	260	256	824 x 1186 x 684	640 x 800 x 500	2
450	450	450	450	449	1224 x 1247 x 784	1040 x 720 x 600	2
750	750	750	750	749	1224 x 1726 x 784	1040 x 1200 x 600	2