

Incubators, Memmert



memmert

Incubators for research, medicine, pharmaceuticals, and food technology. Organic material requires particularly gentle heating. For this reason, heating and control of these incubators have been optimised specifically for low temperatures of up to +80°C. To avoid overshoots, the temperature is increased within a very narrow range and maintained accurately at the setpoint value.

- With large area all-round heating
- Pre-heating of the fresh air
- With interior glass door

Medical product certification:

Memmert Im incubators are class I. Until the entry into force of Regulation (EU) 2017/745 (MDR), Memmert Class I medical devices will be placed on the market in accordance with EU Directive 93/42 / EEC. After the regulation comes into force, Memmert will market Class I medical devices in accordance with MDR. In accordance with their intended use, Memmert Im incubators may be used for controlling the temperature of flushing and infusion solutions and contrast agents. All of the product information below also applies to the medical devices Im.

IN and IF incubators

N = Natural convection F = Forced air circulation

2 model variants: SingleDISPLAY and TwinDISPLAY (a detailed description of the two variants can be found on page XXX)

Technical data:

Work temperature range: at least 5°C (UN), at least 10°C (UF) above room temperature up to +80°C
 Set temperature range: +20°C up to +80°C
 Setting accuracy: 0.1°C
 Electrical supply: 230 V 50/60 Hz (other voltages to special order)

Available models and sizes with internal glass door and fully insulated stainless steel external door:

Series IN / INm^{1) 2)}

With natural convection and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
① IN30	585x704x434	400x320x250	32	48	1600	10 26 06201
IN30m	585x704x434	400x320x250	32	48	1600	10 26 06301
IN55	585x784x514	400x400x330	53	57	1000	10 26 06202
IN55m	585x784x514	400x400x330	53	57	1000	10 26 06302
IN75	585x944x514	400x560x330	74	66	1250	10 26 06203
IN75m	585x944x514	400x560x330	74	66	1250	10 26 06303
IN110	745x864x584	560x480x400	108	76	1400	10 26 06204
IN110m	745x864x584	560x480x400	108	76	1400	10 26 06304
IN160	745x1104x584	560x720x400	161	96	1600	10 26 06205
IN160m	745x1104x584	560x720x400	161	96	1600	10 26 06305
IN260	824x1183x684	640x800x500	256	110	1700	10 26 06206
IN260m	824x1183x684	640x800x500	256	110	1700	10 26 06306
IN450	1224x1247x784	1040x720x600	449	161	1800	10 26 06207
IN450m	1224x1247x784	1040x720x600	449	161	1800	10 26 06307
IN750	1224x1720x784	1040x1200x600	749	217	2000	10 26 06208
IN750m	1224x1720x784	1040x1200x600	749	217	2000	10 26 06308

Series IF / IFm^{1) 2)}

With forced air circulation and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
IF30	585x704x434	400x320x250	32	48	1600	10 26 06211
IF30m	585x704x434	400x320x250	32	48	1600	10 26 07211
IF55	585x784x514	400x400x330	53	57	1000	10 26 06212
IF55m	585x784x514	400x400x330	53	57	1000	10 26 07212
IF75	585x944x514	400x560x330	74	66	1250	10 26 06213
IF75m	585x944x514	400x560x330	74	66	1250	10 26 07213
IF110	745x864x584	560x480x400	108	76	1400	10 26 06214
IF110m	745x864x584	560x480x400	108	76	1400	10 26 07214
IF160	745x1104x584	560x720x400	161	96	1600	10 26 06215
IF160m	745x1104x584	560x720x400	161	96	1600	10 26 07215
② IF260	824x1183x684	640x800x500	256	110	1700	10 26 06216
IF260m	824x1183x684	640x800x500	256	110	1700	10 26 07216
IF450	1224x1247x784	1040x720x600	449	161	1800	10 26 06217
IF450m	1224x1247x784	1040x720x600	449	161	1800	10 26 07217
IF750	1224x1720x784	1040x1200x600	749	217	2000	10 26 06218
IF750m	1224x1720x784	1040x1200x600	749	217	2000	10 26 07218



①



②



Series INplus / INmplus

With natural convection and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
IN30plus	585x704x434	400x320x250	32	48	1600	10 26 06221
IN30mplus	585x704x434	400x320x250	32	48	1600	10 26 07221
IN55plus	585x784x514	400x400x330	53	57	1000	10 26 06222
IN55mplus	585x784x514	400x400x330	53	57	1000	10 26 07222
IN75plus	585x944x514	400x560x330	74	66	1250	10 26 06223
IN75mplus	585x944x514	400x560x330	74	66	1250	10 26 07223
IN110plus	745x864x584	560x480x400	108	76	1400	10 26 06224
IN110mplus	745x864x584	560x480x400	108	76	1400	10 26 07224
IN160plus	745x1104x584	560x720x400	161	96	1600	10 26 06225
IN160mplus	745x1104x584	560x720x400	161	96	1600	10 26 07225
③ IN260plus	824x1183x684	640x800x500	256	110	1700	10 26 06226
IN260mplus	824x1183x684	640x800x500	256	110	1700	10 26 07226
IN450plus	1224x1247x784	1040x720x600	449	161	1800	10 26 06227
IN450mplus	1224x1247x784	1040x720x600	449	161	1800	10 26 07227
IN750plus	1224x1720x784	1040x1200x600	749	217	2000	10 26 06228
IN750mplus	1224x1720x784	1040x1200x600	749	217	2000	10 26 07228



Series IFplus / IFmplus^{1) 2)}

With forced air circulation and microprocessor PID control.

Type	Outer W x H x D mm	Inner W x H x D mm	Vol. approx. l	Wght approx. kg	P rating approx. W	Order No.
④ IF30plus	585x704x434	400x320x250	32	48	1600	10 26 06231
IF30mplus	585x704x434	400x320x250	32	48	1600	10 26 07231
IF55plus	585x784x514	400x400x330	53	57	1000	10 26 06232
IF55mplus	585x784x514	400x400x330	53	57	1000	10 26 07232
IF75plus	585x944x514	400x560x330	74	66	1250	10 26 06233
IF75mplus	585x944x514	400x560x330	74	66	1250	10 26 07233
IF110plus	745x864x584	560x480x400	108	76	1400	10 26 06234
IF110mplus	745x864x584	560x480x400	108	76	1400	10 26 07234
IF160plus	745x1104x584	560x720x400	161	96	1600	10 26 06235
IF160mplus	745x1104x584	560x720x400	161	96	1600	10 26 07235
IF260plus	824x1183x684	640x800x500	256	110	1700	10 26 06236
IF260mplus	824x1183x684	640x800x500	256	110	1700	10 26 07236
IF450plus	1224x1247x784	1040x720x600	449	161	1800	10 26 06237
IF450mplus	1224x1247x784	1040x720x600	449	161	1800	10 26 07237
IF750plus	1224x1720x784	1040x1200x600	749	217	2000	10 26 06238
IF750mplus	1224x1720x784	1040x1200x600	749	217	2000	10 26 07238



¹⁾ External dimensions: Depth without door handle, depth of door handle 56 mm

²⁾ Inner dimensions (Depth): On models with forced air circulation the depth is reduced by 39 mm for the fan.

All incubators comply with the strict requirements of DIN 12880: 2007-05

Accessories for models IN / INm / IF/ IFm / INplus / INmplus / IFplus / IFmplus

Stainless steel grid (standard version: size 30 and 55: 1 piece, size 75 to 750: 2 pieces)

for type	Qty max.	Order No.	for type	Qty max.	Order No.
30	3	10 26 01551	260	9	10 26 01556
55/75	4/6	10 26 01552	450/750	8/14	10 26 01557
110/160	5/8	10 26 05008			

Stainless steel shelves, perforated

for type	Qty max.	Order No.	for type	Qty max.	Order No.
30	3	10 26 01561	260	9	10 26 01566
55/75	4/6	10 26 01562	450/750	8/14	10 26 01567
110/160	5/8	10 26 04031			

Stainless steel slide-in drip tray, non-perforated, 15 mm rim

(may impair the spatial distribution of the temperature)

for type	Qty max.	Order No.	for type	Qty max.	Order No.
30	3	10 26 01571	260	9	10 26 01576
55/75	4/6	10 26 01572	450/750	8/14	10 26 01577
110/160	5/8	10 26 01574			

An extensive selection of accessories and options is available on request.

We reserve the right to make changes in technical specifications. Dimensions subject to confirmation.

All performance data are typical mean values for serial devices.

