



1 Incubator, mechanical control, B 28 series

Robust, small, space-saving unit with mechanical controller and adjustable ventilation for accurate and reliable incubation.

BINDER

- Temperature range: 30 °C to 70 °C
- Inner glass door
- Available with, or without, TB (Class 1)

Type	Internal volume litres	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
B28	28	580 x 425 x 405	400 x 250 x 280	1	9.883 556
B28*	28	580 x 425 x 405	400 x 250 x 280	1	9.883 557

* with TB (Class 1)



2 Incubators, BD, BF series - Classic.Line

BINDER incubators stand for optimal incubation and for results that are reproducible in every routine test, even under high batch throughputs in long-term operation.

BINDER

Serie BD: Incubators with gravity convection.
Serie BF: Incubators with forced convection.

Equipment:

- Temperature range: from 5 °C above room temperature to 100 °C
- Independent temperature safety device class 3.1 (DIN 12880) with optical and audible temperature alarm
- RS 422 interface for use with APT-COM™ DataControlSystem communication software
- Inner door made of tempered safety glass

Type	Internal volume litres	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
BD 23	20	435 x 520 x 495	222 x 277 x 330	1	9.883 599
BD 400	400	1235 x 765 x 1025	1000 x 500 x 800	1	9.883 603
BD 720	720	1235 x 865 x 1530	1000 x 600 x 1200	1	9.883 604
BF 400	400	1235 x 765 x 1025	1000 x 500 x 800	1	6.203 549
BF 720	720	1235 x 865 x 1530	1000 x 600 x 1200	1	9.883 625



3 Incubators, BD, BF series - Avantgarde.Line

NEW

BINDER

The new Avantgarde.Line incubators, with their exceptional efficiency and perfect temperature accuracy thanks to the very latest APT.line™ technology has the real appeal.

Series BD: Incubator with natural convection
Series BF: Incubator with forced convection

Equipment:

- Temperature range Series BD: ambient temperature plus 5 °C to 100 °C
- Temperature range Series BF: ambient temperature plus 7-8 °C to 100 °C
- Controller with LCD display
- Electromechanical control of the exhaust air flap
- Inner door made of tempered safety glass
- 2 chrome-plated racks
- Stackable up to 115L
- Class 3.1 integrated independent temperature safety device (DIN 12880) with visual alarm
- USB port for recording data

Type	Internal volume litres	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
BF 56	59	560 x 565 x 625	400 x 340 x 440	1	4.658 058
BF 115	115	710 x 605 x 735	550 x 380 x 550	1	6.280 293
BF 260	260	810 x 760 x 965	610 x 545 x 760	1	6.270 115
BD 56	57	560 x 565 x 625	360 x 380 x 420	1	6.280 269
BD 115	115	710 x 605 x 735	510 x 420 x 530	1	6.280 290
BD 260	260	940 x 760 x 965	610 x 545 x 760	1	6.280 291

Cooling incubators, KB, KT series

Series KB: Cooling incubators with compressor technology, for safe, reproducible incubation, even at high ambient temperatures.

BINDER

Series KT: Cooling incubators with thermoelectric cooling, combines exceptional performance with low energy consumption.

- Temperature range: -5 °C to 100 °C
- Adjustable fan speed Controller with time-segment and real-time programming
- Inner door made of tempered safety glass
- 2 stainless steel racks
- Class 3.1 independent temperature safety device (DIN 12880) with visual and audible temperature alarm
- Computer interface: Ethernet or RS 422
- Data recording and USB interface (Series KT)

Type	Internal volume litres	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
KT 53	52	660 x 630 x 635	400 x 334 x 400	1	6.280 289
KT 115	102	860 x 655 x 715	600 x 355 x 455	1	6.280 268
KT 170	163	860 x 655 x 1025	600 x 355 x 765	1	6.269 765
KB 23	20	435 x 600 x 620	222 x 277 x 330	1	9.883 528
KB 53	53	635 x 665 x 840	400 x 330 x 400	1	9.883 568
KB 115	115	835 x 730 x 1025	600 x 400 x 480	1	9.883 569
KB 240	240	930 x 880 x 1460	650 x 485 x 785	1	9.883 570
KB 400	400	930 x 880 x 1945	650 x 485 x 1270	1	9.883 571
KB 720	720	1255 x 970 x 1925	970 x 576 x 1250	1	9.883 572



6.269 765

2 Thermostatic cabinets

The incubators from AQUALYTIC® are designed for continuous tempering for different applications, mainly for the determination of BOD, the storage of wastewater samples, and the determination of enzymatic activity. The temperature range is +2 °C up to +40 °C and can be regulated in steps of 0.1 °C. Temperature tolerance is defined with ±1 °C respectively ±0.5 °C (at 20 °C). Low energy consumption due to reinforced isolation. The interior of the cabinets is equipped with sockets for connecting stirrers. There are 4 models available with standard doors from 135 to 445 litres net capacity, and 2 models with glass doors with 140 and 255 litres net capacity. Illuminated LED display with actual/setpoint display.

AQUALYTIC

- Temperature range 2 °C to 40 °C, continuously adjustable in steps of 0.1 °C
- Low power consumption
- Illuminated LED display of preset and current temperatures
- Ideal for BOD determination at 20 °C
- Power sockets inside the incubator
- 6 models in 4 sizes
- Standard door or glass door



Specifications

Coolant: R134a
 Fan: Axial, delivery rate 320m³/h
 Power supply: 220-230V/50Hz

Capacity	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	Weight kg	Temp. range max. °C	PK	Cat. No.
135	600 x 600 x 850	513 x 441 x 704	39.00	+2 ... +40	1	9.699 142
175	600 x 610 x 1250	470 x 440 x 1062	51.00	+2 ... +40	1	9.699 143
255	600 x 610 x 1640	470 x 440 x 1452	61.00	+2 ... +40	1	9.699 144
445	750 x 730 x 1640	600 x 560 x 1452	78.50	+2 ... +40	1	9.699 145
140	600 x 600 x 850*	513 x 441 x 702	48.00	+2 ... +40	1	9.699 146
256	600 x 610 x 1640*		77.00	+2 ... +40	1	9.699 147

* With glass door

Storage cooled chamber, IPS

Sample storage incubating and cooling in the food industry, medicine, the cosmetics industry, or pharmaceuticals. The storage cooled incubators with Peltier elements heat and cool seamlessly with one system.

Memmert

Working-temperature range/setting temperature range: + 14°C to +45 °C.
 With gentle, fan-assisted, air circulation via Peltier fan.
 Further equipment see IPP models

Type	Internal volume litres	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	Shelf support ribs/shelves	Weight kg	PK	Cat. No.
IPS260	256	824 x 774* x 1183	640 x 490 x 800	9/2	113	1	9.538 011
IPS750	749	1224 x 874* x 1726	1040 x 590 x 1200	14/2	230	1	9.538 012

* Depth without door handle, please add 56 mm



9.538 012

Heating/Cooling incubators

1



1 Refrigerated incubators IMP

NEW

Thermo Scientific

- Outstanding temperature uniformity and stability to keep the samples in a safe environment
- CFC free/HFC free polyurethane insulation foam for outstanding temperature performance and condensation prevention
- Sophisticated timer function with weekly/daily or real time mode
- Intuitive programmability function for defined temperature ramping, soak/cool and dwell: store up to 10 programs with 10 temperature steps, loop program, and select mode at end of cycle
- Adjustable over-temperature shut-off for protocols that require setting of over temperature for protection (class 2 according to norm DIN12880)
- Fan speed adapts automatically to achieve optimal temperature performance

Specifications

Temperature range: +5 °C to +70 °C
 Temperature uniformity: ±0.3 °C (at +25 °C) and stability, ±0.1 °C
 Power supply: 230 V, 50/60 Hz

Type	Internal volume litres	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
IMP180	180	640 x 738 x 920	464 x 543 x 708	84	1	6.284 917
IMP400	400	778 x 770 x 1545	544 x 524 x 1335	167	1	6.284 918
IMP180*	180	640 x 738 x 920	464 x 543 x 708	84	1	6.287 660
IMP400*	400	778 x 770 x 1545	544 x 524 x 1335	167	1	6.287 661

* with internal socket EU.

2 Peltier cooled incubators IPP and IPPplus

The cooled incubators with the unique ControlCOCKPIT for a quick and intuitive operation. Heating and cooling seamlessly with one system thanks to Peltier technology. Environmentally friendly and energy-saving. Vibration-free and extremely quiet.

Standard equipment:

- PID microprocessor control with integrated auto-diagnostic system
- Interior of stainless steel material 1.4301 (ASTM 304) with all-round deep-drawn ribs to integrate the large-area heating with ceramic-metal sheath, very stable and easy to clean
- Structured stainless steel housing, scratch-resistant, robust and durable; rear of zinc-plated steel (size 750 mounted on lockable castors)
- High-temperature connectors on the rear of the appliance for single-phase power connection according to country specific systems and IEC standards
- Internal data logger with a storage capacity of at least 10 years
- German, English, French, Spanish, Polish, Czech, Hungarian language settings available on the ControlCOCKPIT
- Digital backwards counter with target time setting adjustable between 1 minute and 99 days
- 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

Type designation: plus = Models with TwinDISPLAY

Specifications

Working temperature range without light: 0 (at least 20 °C below ambient) to +70 °C
 Working temperature range with light: +10 to +40 °C
 Setting temperature range: 0 to +70 °C
 Setting accuracy: 0.1 °C
 Power supply: 230 V, 50/60 Hz; 115 V, 50/60 Hz no extra cost

2



9.538 009