INCUCELL/INCUCELL V

with natural forced air convection

Suitable for safe treatment of microbiological cultures. The INCUCELL line produces no noise and provides a very soft air convection within the chamber , the variant INCUCELL V (with a fan) has an advantage of more precise temperature distribution with small deviations. These devices can be used especially in biological and microbiological laboratories, quality tests in pharmacy, cosmetics and testing in veterinary medicine and food processing industry.

Volume:
22, 55, 111, 222, 404, 707 litres
Working temperature:
INCUCELL:
5 °C above ambient temperature
up to 70,0 °C / 99,9 °C
INCUCELL V:
10 °C above ambient temperature
up to 70,0 °C/ 99,9 °C
Inner glass door
Interior:
stainless steel, mat. No. 1.4301 (AISI 304)

The versatile standard line with microprocessor control unit

- 3 programs
- RS 232 – interface for printer or PC-communication
- delayed heating start and stop function
- acoustic and visual alarm
- time range 99 hours 59 minutes
- digital safety thermostat class 3
- manual control of the air flap (the suction and air exhaust only INCUCELL V, the air exhaust only INCUCELL)

Options

- access ports ∅ 25, 50, 100 mm (∅100 mm is not available for 22-litres volume)
- door lock
- left door versions (excluded volume 22 and 707 litres)
- measurement of material´s temperature with an independent movable sensor PT 100 (with indication on a display or PC)
- communication software WarmComm
- HEPA-filter for installation in an air inlet (only INCUCELL V)
- expansion of working temperature range up to 99.9 °C
- arragement against drying-up of culture mediums and tissue cultures (INCUCELL V only)
- stainless steel casing of the device

... standard line

The high-tech comfort line with multi-functional microprocessor control unit

- 6 programs
- chip card system for individual program storage
- RS 232- interface for printer or PC-communication
- delayed heating start and stop function
- acoustic and visual alarm
- time range 0–16 years with 1 min-intervals
- digital safety thermostat class 3
- real time
- programming temperature ramps
- heating sequences
- programme cycles
- adjustable ventilation rate 10 to 100 % (only INCUCELL V)
- manual control of the air flap (the suction and air exhaust only INCUCELL V, the air exhaust only INCUCELL)

Options

- access ports ∅ 25, 50, 100 mm (∅ 100 mm is not available for 22-litres volume)
- door lock
- left door versions (excluded volume 22 and 707 litres)
- HEPA-filter for installation in an air inlet (only INCUCELL V)
- timer programmable water protected innersocket (only INCUCELL V)
- communication software WarmComm
- potential-free alarm contact
- measurement of material´s temperature with an independent movable sensor PT 100 (with indication on a display or PC)
- expansion of working temperature range up to 99.9 °C
- arragement against drying-up of culture mediums and tissue cultures
- high temperature decontamination (excluded volume 404 and 707 litres)
- stainless steel casing of the device

... comfort line

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INCUCELL, INCUCELL V with ventilator

CE

Technical data		Model	22	55	111	222	404	707
Interior of stainless steel material No. 1.4301	volume	cca ltrs	22	55	111	222	404	707
	width	cca mm	240	400	540	540	540	940
	depth	cca mm	320	370	370	520	520	520
	height	cca mm	295	350	530	760	1410	1410
Trays	racks	max. No.	4	4	7	10	19	19
	standard equipment	pcs. included	2	2	2	2	2	2
	distance between guide rails	mm	60	70	70	70	70	70
	storage area (w x d)	mm	185x265	380x335	520x335	520x485	520x485	920x485
Maximal weight of the load*)	per tray	max. kg	10	20	20	30	30	50
	inside the oven	max. kg	25	50	50	70	100	130
Door		No.	1	1	1	1	1	2
External dimensions (including door and handle)	width	cca mm	406	620	760	760	760	1160
	depth	cca mm	580	640	640	790	790	790
	height (incl. Foots and Rolls)	cca mm	604F	680F	860F	1090F	1910R	1910R
	diameter of the air branch outer/inner	cca mm	52/49	52/49	52/49	52/49	52/49	52/49
Package dimensions (three layers carton)	width	cca mm	465	700	830	830	830	1230
	depth	cca mm	665	730	730	730	860	860
	height (incl. palette)	cca mm	655	880	1050	1280	2070	2080
Weight	netto	cca kg	31	55	75	100	150	215
	brutto	cca kg	36	66	87	116	175	240
Working temperature (beginning of the regulation) **)	IC/IC V	from 5/10 °C above ambient temp. to °C	70/99,9	70/99,9	70/99,9	70/99,9	70/99,9	70/99,9
Temperature accuracy according to DIN 12 880 T2 at working temperature with closed air flap and door	space deviation IC/IC V	cca ± °C	1,1/0,4	< 0,5/≤ 0,3	< 0,5/≤ 0,3	< 1/≤ 0,3	< 1/≤ 0,8	< 1,5/≤ 1,5
	time variation	cca ± °C	0,4/0,1	≤ 0,2	≤ 0,2	≤ 0,2	≤ 0,2	≤ 0,2
Time required to reach 37 °C with closed air flap and voltage 230 V	IC/IC V	cca min.	70/8	49/41	57/51	79/66	41/38	59/51
Heat emission at 37 °C		cca W	20/70	30	45	45	65	85
Air exchange speed at 37 °C	IC/IC V	cca/hour	5/45	5/45	5/49	5/24	5/18	5/12
Electricity -mains 50/60 Hz	max. power input IC/IC V	kW	0,24/0,96	0,3/0,7	0,3/0,7	0,5/0,7	0,9/1,3	0,9/1,3
	stand by	W	5	5	5	5	5	5
	current IC/IC V	A	2,2/8,4 1,1/4,2	2,6/6 1,3/3	2,6/6 1,3/3	4,4/6 2,2/3	7,8/11,3 3,9/5,7	7,8/11,3 3,9/5,6
	nominal voltage	V	115 230	115 230	115 230	115 230	115 230	115 230

*) Approx. 50 % of the tray area can be filled in a way a uniform air circulation is enabled inside the chamber.
**) Standard type is up to 70 °C, optional type is up to 99,9 °C.
Note: All technical data are related to 22 °C ambient temperature and ±10 % voltage swing (if not specified).
Changes in the design and make reserved.

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