COMECTA Chest Freezers -85 °C "LAB-11" and "LAB-31".

FOR ADJUSTABLE TEMPERATURES FROM -50 °C. TO -85 °C. STABILITY ±0.5 °C.

COMMON FEATURES

Low power consumption and sound level below 50 dB.
Single-stage compressor group refrigeration system.
Inner enclosure and lid in treated and enameled steel.
Counterweighted lid with double gasket to prevent frosting.
Lower drain hole.
Direct rear connection for CO2 inlet.
Key lock to protect valuable samples.

CONTROL SYSTEM

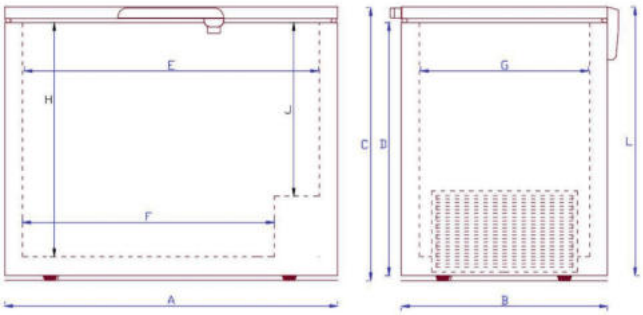
IDigital temperature display and selector adjustable from -50 °C to -85 °C with battery back-up for complete safety. -85 °C with battery back-up for complete safety. An acoustic and visual alarm warns of possible faults and also has an output that allows the cabinet to be connected to an external alarm.



CHEST LAB-31
5020249

Inside dimensions (mm)	LAB-11	LAB-31
A	725	1305
B	655	655
C	865	865
D	780	780
E	520	1500
F	320	1300
G	450	450
H	650	650
J	400	400
L	850	850

USEFUL INTERIOR ENCLOSURE



MODELS	Code	Capacity liters	Height*/**	Width (outside)mm	Depth***	Thickness of insulation mm	Power W	Weight Kg.
LAB 11	5020202	130	920* / 1620**	725	730***	100	480	56
LAB 31	5020249	300	920* / 1620**	1305	730***	100	420	80

Height* = including 50 mm wheels / Height** = with the door open / Depth*** = including handle and hinges

ACCESSORIES

***Box Rack** in stainless steel.

Code	Height / Width / Depth mm			For boxes high mm	*Racks x Chest LAB-11	LAB-31	box x Racks	Box x Chest LAB-11	LAB-31
5020244	335	140	140	50	3	3	6	18	18
5020245	326	140	140	75	3	3	4	12	12
5020246	320	140	140	100	3	3	3	9	9
5020248	610	140	140	50	6	27	11	66	297
5020212	551	140	140	75	6	27	7	42	189
5020213	530	140	140	100	6	27	5	30	135

*For frames codes 5020244, 5020245 and 5020246, the number of frames per chest refers only to the space occupied between the inner dimensions D, E and F, while for the other frames the maximum number of frames per chest between the inner dimensions A, B and G is indicated.







Cardboard boxes with lids

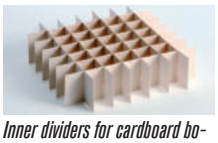
Cardboard boxes with lid, measures mm: 133 width x 133 depth.

Code	Color	high	code	Color	high	code	Color	high
5020215	White	50 mm	5020220	White	75 mm	5020225	White	100 mm
5020216	Blue		5020221	Blue		5020226	Blue	
5020217	Red		5020222	Red		5020227	Red	
5020218	Green		5020223	Green		5020228	Green	
5020219	Yellow		5020224	Yellow		5020229	Yellow	

In addition to these boxes and racks, more accessories are available, please ask for more information.



Cardboard boxes according to measures 50, 75 and 100 mm. high.



Inner dividers for cardboard boxes according to measurements.

Dividers for cardboard boxes.

Code	for Box	Divider	Divisions (cells)	For tubes Ø mm
5020230	50 mm high	30 mm high	10 x 10	12
5020231			9 x 9	13
5020232			8 x 8	14
5020233			7 x 7	16,5
5020234	75 mm high	40 mm high	10 x 10	12
5020235			9 x 9	13
5020236			8 x 8	14
5020237			7 x 7	16,5
5020238	100 mm high	65 mm high	10 x 10	12
5020239			9 x 9	13
5020240			8 x 8	14
5020241			7 x 7	16,5

CO2 input module. Code 5020208
Graphic recorder with digital display. Code 5020209