

Catalogue  
**Freeze Dryer GT2**  
**LYO GT2**



valid from €1.2011



**LYO GT2**

**Production, sales and service by**

Low2High Vacuum AB  
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**Low2High**

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Product Information  
**Freeze Dryer GT2**  
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## Freeze Dryer GT2



SRK Laboratory Freeze-dryers are usually used in the areas of pharmacy, biotechnology and medicine.

The GT2 is a versatile laboratory unit, delivered ready for connection to the mains and used for the conservation of temperature-sensitive products. It is suitable for the freeze-drying of products in flasks, ampoules, vials or trays. The basic freeze-dryer is a table-top unit housing an air-cooled compressor and a condenser made of corrosion-resistant stainless steel. It is equipped with a microprocessor-controlled operating module with a large LCD display which monitors and controls the entire freeze-drying process automatically. If a PC such as the ones usually found on the market and our software package are added, a clear and understandable documentation of the process is possible. The two-chamber design permits carrying out pressure rise measurements (PRM) in the drying chamber to determine the end of the drying process. This design also permits carrying out barometric temperature measurements (BTM).

The GT2 grows to meet the requirements of its user and its modular construction makes it suitable for the most varied applications.

Amount of ice sublimated in 24 h*:	3 kg Eis/24h
Maximum ice storage capacity*:	5 kg Eis
Final condenser temperature using chloride-free refrigerant R 507*:	- 53° C
Mains connection:	230 V, 50/60 Hz
Total dimensions without accessories (width x height x depth):	525 x 365 x 730 mm
Weight without accessories:	55 kg

\* At an ambient temperature of 20° C. We reserve the right to effect technical modifications as required.

\*\* Type with condenser temperature of -90°C available

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Overview  
**Freeze Dryer GT2**  
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valid from 05.2018



**GT2 Type 1**

Pos.: 2, 3, 14, 16, 8x18



**GT2 Type 2**

Pos.: 2, 2x3, 4-7, 10, 11, 12, 4x14, 16, 8x18



**GT2 Type 3**

Pos.: 2-6, 8, 4x9, 4x10, 11, 4x12, 13, 4x14, 16, 8x18



**GT2 Type 4**

Pos.: 2, 2x3, 4, 7, 12, 3x14, 15



**GT2 Type 5**

Pos.: 2, 2x3, 4-7, 10, 11, 12, 4x14, 15



**GT2 Type 6**

Pos.: 2, 2x3, 4-6, 10, 11, 12, 4x14, 20



**GT2 Type 7**

Pos.: 2-4, 8, 4x9, 4x12, 13, 3x14, 15



**GT2 Type 8**

Pos.: 2-6, 8, 4x9, 4x10, 11, 4x12, 13, 4x14, 15



**GT2 Type 9**

Pos.: 2-6, 4x10, 11, 4x12, 13, 4x14, 21



**GT2 Basic Type 10**

Pos.: 1, 13, 14, 16, 8x18



**GT2 Basic Type 11**

Pos.: 1, 2x3, 4, 7, 12, 3x14, 15



**GT2 Basic Type 12**

Pos.: 1, 3, 4, 8, 4x9, 4x12, 13, 3x14, 15

The Types 13 und 14 are not available anymore.



**GT2 Type 15**

Pos.: 1, 14, 16, 8x18, 30

Prices

# Freeze Dryer GT2 LYO GT2



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## Freeze dryers

### LYO GT 2 and GT 2 Basic

Freeze dryer GT 2 und GT 2 Basic (without heat technology)  
Technical data of basic configuration

Shelves, without heating	max. 8
Shelves, with heating	max. 4
Condensor capacity	max. 5 kg ice
Drying performance	ca. 3 kg Eis/24 h
Final condensor temperature	ca. 53 °C
refrigeration unit	air cooling
Electrical connection	230 V, 50/60 Hz

### Order data:

Pos.	Cat. No.	Description
01	204554	Main performance GT 2 Basics
02	204555	Main performance GT2
03	304556	Acryl glass cylinder 230
04	204560	Main shelf with venting valve
05	204579	Intermediate ring with current leadthrough
06	204562	Manually operated valve plate
07	204557	Frame for 1 shelf
08	204598	Multiple shelf frame
09	204599	Support shelf for the frame
10	304569	Heatable shelf, Ø 230 mm
11	204578	Resistance thermometer PT 100
12	204568	Product shell, stainless steel, Ø 230 mm
13	204567	Acryl glass cylinder Ø 440
14	204558	Sealing for acryl glass cylinder
15	204564	Cover plate
16	204570	Distributor plate for 8 valves
17	204577	Distributor ring for 8 valves
18	204571	Valve with connection cone S 29/32
19	204572	Simple closure device
20	204573	Multiple closure device
21	204580	Intermediate ring for temp. shelf
22	204587	Pressure control and blocking valve
23	204586	Blocking valve for vacuum pump
24	011245	Vacuum pump TRIVAC D 4 B
25	011255	Vacuum pump TRIVAC D 8 B
26	019050	Exhaust filter AF 8 for D 4 B/ D 8 B
27	018920	Exhaust filter AR-4-8 for D 8 B

### Features GT 2

**Microprocessor controls** with specialties  
operating function, implemented RS 232/V24 interface and writer  
connection

### Features GT 2 Basic:

**Without microprocessor controls,**  
with „Handheld“ vacuum display  
(without heating)

### Order data:

Pos.	Cat. No.	Description
<b>Alternativ:</b>		
	19050	Exhaust filter AF8 for D8B
	017702	5 ltr. vacuum pump oil LEYBONOL LVO 100 1 ltr. vacuum pump oil LEYBONOL LVO 100
	304550	Trolley

### On request

LYOGRAPH Software for GT 2, cylinder (stainless steel),  
Aluminium product tray, Product stainer and further equipment.

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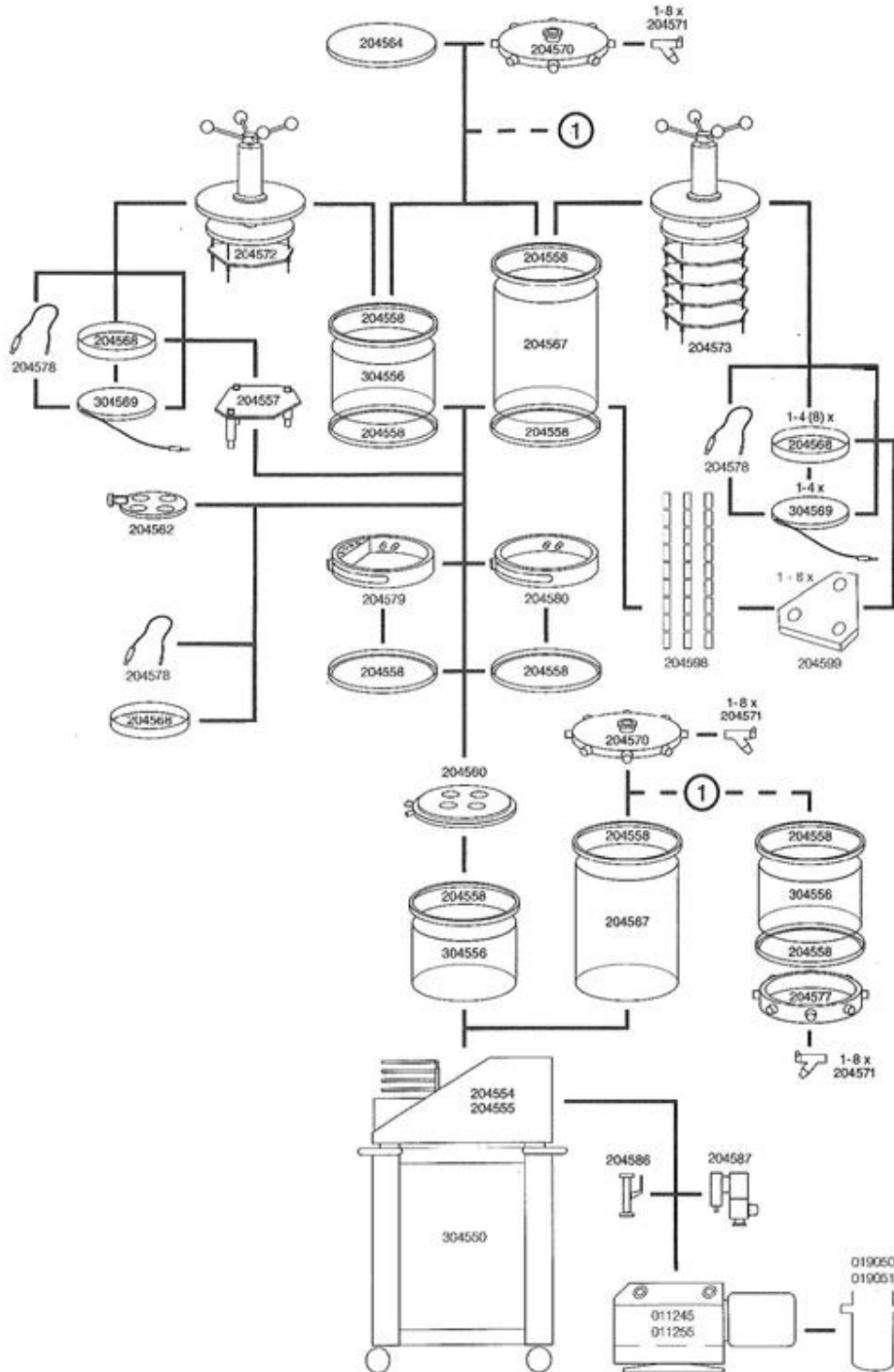
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Scheme  
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**Overview LYO GT2**



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