

PRODUCT - INFORMATION

Freeze Dryer / Lyophilizer

LYO GT2 "Type Overview"



Freeze Dryer LYO GT2

LYO GT2 Laboratory Freeze-dryers are usually used in the areas of pharmacy, biotechnology and medicine

The LYO 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 LYO 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
Maximum ice storage capacity*:	5 kg
Final condenser temperature using chloride-free refrigerant R 507*:	-53°C **
Mains connection:	230V 50Hz / (120V 60Hz)
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.	

** Final condenser temperature **-90°C** available

Manufacturing, distribution and service by



SRK-Systemtechnik GmbH
Anlagen und Maschinenbau

Stahlbastraße 30 - 64560 Riedstadt, Germany
Tel.: 0049 6158 9202-0 - Fax: 0049 6158 9202-30
www.SRK-Systemtechnik.de

PRODUCT - INFORMATION

Freeze Dryer / Lyophilizer

LYO GT2 "Type Overview"

Standard Versions Cylinder diameter 300 (Additional Versions on Request "dia 457mm")



Type 1
8/16/24 etc. bulb/flask



Type 2
1 heatable shelf 8 bulb/flasks



Type 3
4 heatable shelf 8 bulb/flasks



Type 4
1 tray, basin



Type 5
1 heatable shelf



Type 6
1 heatable shelf
vial stoppering



Type 7
4 tray, basin



Type 8
4 heatable shelf



Type 9
4 heatable shelf
vial stoppering



Type 10 GT2-E
8/16/24 etc. usw. bulb/flask



Type 11 GT2-E
1 tray, basin



Type 12 GT2-E
4 tray, basin



Type 13
1 cool and heatable shelf
vial stoppering cooling bath



Type 14
2 cool and heatable shelf
vial stoppering cooling bath



Example Cooling Bath
(Cooling and Heating)



Type 15
8 bulb/flask stainless steel
chamber (solvent)

Manufacturing, distribution and service by



SRK-Systemtechnik GmbH
Anlagen und Maschinenbau

Stahlbastraße 30 - 64560 Riedstadt, Germany
Tel.: 0049 6158 9202-0 - Fax: 0049 6158 9202-30
www.SRK-Systemtechnik.de