



SNAIGÉ LABORATORY FREEZER ENSURING OPTIMAL STORAGE OF RESEARCH SAMPLES, REAGENTS, LABORATORY EQUIPMENT.

Comply with DIN 13277

Laboratory freezer all the essential features and performance functions required to meet the performance criteria of the DIN 13277 standard. This standard provides the requirements and test specifications for medical and laboratory refrigerators and freezers.

Test method EN 60068-3

SNAIGÉ laboratory freezer are tested according to EN 60068-3 in order to ensure the stability and constancy of the internal temperature. The test method involves measuring the temperature at 15 different points inside the freezer.

Ecological and environmentally friendly

Laboratory freezers are manufactured using only non-harmful, non-ozone-depleting and non-greenhouse-effect refrigerating and insulating materials. Natural resource-saving materials and electricity from renewable energy sources are used in the refrigerator manufacturing process.

LF27SD-P6000EQ and LF10SD-P6000E2

Laboratory freezers



LF27SD-P6000EQ

LF10SD-P6000E2

KEY FEATURES



Contactless control and register of temperature data and warnings

The CONTROLLA app makes it possible to connect to the freezer controller via a contactless network using. This app also enables control over the freezer, while the user can download temperature reports and view alert history. The temperature in the freezer controller is recorded every 20 minutes.



Temperature stability

The refrigerator is designed to maintain maximum stable temperature and minimal fluctuations. The maximum possible temperature change within the entire internal space of the refrigerator is only $\pm 5,3$ °C. Thus, the internal microclimate is maintained, creating suitable conditions for the storage of medical products.



Warning register

Warning signals must be monitored to ensure the stored medical products retain their quality and integrity. Important data are recorded in the register: date of warning, duration, highest temperature. The last five warnings are stored in the memory of the electronic controller. If the user does not delete them, they are overwritten by the FIFO method and stored in the controller's memory.



SNAIGÉ TWIN Temp line is a smart solution for laboratories and healthcare facilities

By stacking one on top of the other, with a few details can easily and securely connect:

- Refrigerator MD14 with a freezer LF10SD,
- Refrigerator MD14 with another refrigerator MD14,
- Freezer LF10SD with another freezer LF10SD.



LF10SD-P6000E2



LF27SD-P6000EQ

KEY FEATURES

Integrated data logger



The memory of the SNAIGÉ laboratory freezer electronic controller stores the last five alarm records (with alarm date and duration) and a 6-month temperature measurement summary (with measurement date and time) are stored in the memory of the freezer electronic controller. These data stored in the controller's memory can be downloaded to the e-mail box via the CONTROLLA app. In addition, the app can be used to select the required period of temperature measurement summary: from one day to half a year.

Warning of electricity supply failure



In the event of the electricity supply failing, the battery of the freezer provides sufficient energy for the registration of temperature readings and the operation of the warning signal (audio and visual) for the next 24 hours.

Warning temperature alarm



In order to ensure the maximum safety of stored medical products, the integrated warning temperature alarm sends a warning signal with sound and image when a certain temperature value exceeds or falls below the set limit.

Warning messages on the screen



The temperature warning is displayed on the controller screen until it is manually removed. This ensures that those in charge will respond in time to any critical temperature changes in the refrigerator.

Display of minimum and maximum temperature on the screen



Medical products are extremely sensitive to temperature changes. For this reason, the maximum and minimum temperature values of the refrigerator can be viewed directly on the screen of the electronic controller and the causes of temperature fluctuations can be eliminated in time. The display of minimum and maximum temperatures on the screen is an additional tool for temperature control in the refrigerator.

Access to an additional external sensor



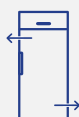
An additional external sensor can be attached if required for additional control of the temperature of medical products storage in the refrigerator. SNAIGÉ laboratory freezers are equipped with a 12,5 mm diameter access for an additional external sensor, which helps avoid any negative effect of the cables of the external sensor on the sealing strip of the door, the tightness of the freezer and the risk to the personnel caused by the cables of the sensor.

Self-closing door



The door of the SNAIGÉ laboratory freezer closes automatically, without any risk of the door bouncing. This ensures convenience and safety for medical personnel in their daily use of the freezer, and also, completely eliminates the risk of the freezer door being accidentally left open. The self-closing door contributes to maintaining a stable temperature, as well as supporting the integrity of stored medical products.

Changeable direction of the door opening



SNAIGÉ laboratory freezer are manufactured with door hinges on the right side, although the door opening direction can be easily changed. This can be done independently, as the change does not require additional materials or repair service.

Replaceable door sealing strip. The door sealing strip can be easily replaced independently without additional materials or a repair service.

TECHNICAL DATA

Model code	LF27SD-P6000EQ XXXXXZQLT4B	LF10SD-P6000E2 XXXXXZ1SN4B
EAN code	4770104127014	4770104110016
Gross capacity, l	248	100
Net capacity, l	232	98
Internal temperature range (Min/Max) °C	from -15 to -30	from -10 to -25
Fluctuation, °C	2,9	
Gradient, °C	5,3	
Ambient temperature range, °C	from +10 to +35	
Airborne acoustical noise emissions, dB(A) re1 pW	41	38
Daily consumption, kWh/24h	1,280	0,620
Annual energy consumption, kWh/year	467	226
Rated voltage, V / Rated frequency, Hz	220 – 240 / 50	
Cord length in cm / Type	240 / Euro plug	
Refrigerant	R600a	
Cooling system	Static	
Defrost	Manual	
Internal lighting	No	
Access port diameter, mm	12,5	
Calibration block	No	
Volt-free alarm contact	Yes	
Type of door	Full-panel door, white painted	
Side wall material	Steel, white painted	
Inner cabinet material	HIPS polystyrene	
Shelf material	Evaporator, zinc coated, with aluminum guards on the front and two guides on each evaporator	Evaporator, zinc coated, with plastic guards on the front
Number of evaporators- shelves	6	3
Evaporator shelf size (W x D), mm	400 x 377	387 x 356
Maximum load per shelf, kg	40	
Reversible door / Self closing door	Yes / Yes	
Replaceable door sealing strip	Yes	
Type of lock	Mechanical	
Adjustable foot at the front, psc.	2	2
Wheels behind, psc.	2	No
Foot behind, psc.	No	2
External dimensions (H x W x D), mm	1630 x 600 x 650	870 x 560 x 620
Internal dimensions (H x W x D), mm	1415 x 441 x 435	690 x 407 x 380
Package dimensions (H x W x D), mm	1670 x 620 x 670	950 x 570 x 640
Weight Net / Gross, kg	57 / 61,5	34 / 37
Packed on pallet		
Model code	LF27SD-P6000EQ XXXXXZQLT4A	LF10SD-P6000E2 XXXXXZ1LT4A
EAN code	4770104127021	4770104110023
Package dimensions (H x W x D), mm	1800 x 620 x 710	1080 x 570 x 710
Weight Gross, kg	70,5	45,5

Contact us: snaige@snaige.lt

- Phone +370 315 56206
- Mob.: +370 656 35923
- AB SNAIGĖ, Pramonės str.
6 LT-62175, Alytus,
Lithuania

More information:

www.snaigeprofessional.lt

