LiCONiC INSTRUMENTS





STR240

STR Periscope

- Very Compact Integration
- Suitable for Crystallization

StoreX Series

STR240

Stable and Precise Climate Conditions

The STR is the most versatile incubator on the market. It fits underneath any workstation or liquid handling system. It reduces bottlenecks by up to 50% when multiple plate transfer nests are used. You optimize your budget because you do not have to buy extended or articulating robotic arms. A capacity of 240 plates in such a compact footprint is cutting-edge technology.

The periscope delivery shovel presents the plate to the top of the work surface. With workspace at a premium, the STR saves valuable space for other components above your system and gives it a more compact, aesthetically pleasing appearance.

All this at a competitive price. Like all members of the StoreX Star family, the STR240 can be equipped with a large number of further options and a wide selection of useful accessories.

Climate Options

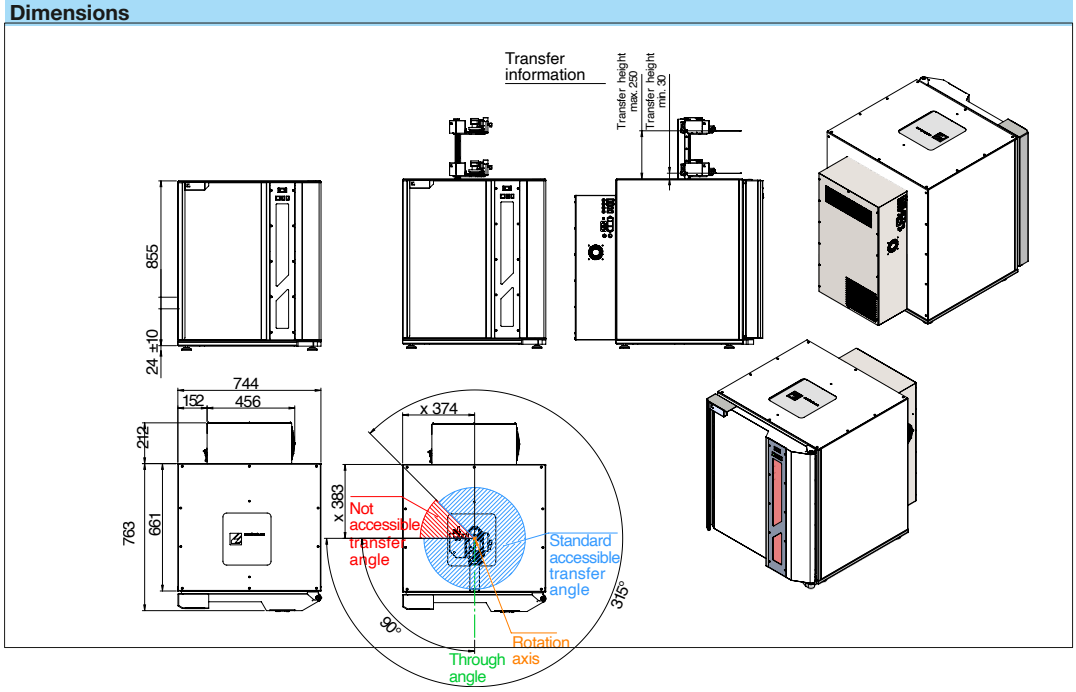
Type	Temperature	Humidity	Remarks	Description	Order No. Stand Alone	Order No. Bench Top
STR240-IC	34..50°C	max. 95%	1) 7) 8) 9)	Incubator	9118 12 00	9143 00 91
STR240-HC	04..25°C	max. 90%	1) 5)	Humid Cooler	9118 04 00	9143 00 92
STR240-DC2	04..25°C	04..50%	1) 3) 5)	Dry Storage	9118 12 55	9122 05 32
STR240-HR	04..50°C	85..95%	1) 5) 9)	Humid Wide Range	9118 05 00	9143 00 93
STR240-DR2	04..50°C	02..50%	1) 3) 5) 9)	Dry Wide Range	9118 05 02	9143 02 05
STR240-AR	04..50°C	15..95%	1) 2) 5) 6) 9)	Humidity Controlled	9118 12 45	9143 01 96
STR240-DF	-20..0°C	02..45%	1) 4) 5)	Deep Freezer	9118 12 38	9122 05 29
STR240-NC	N/A	N/A	N/A	No Climate	9118 12 40	9143 02 04
STR240-DH	04..50°C	2..30% 70..95%	1) 8) 9)	Dry Humid	9118 41 47	9143 06 31

All specifications at 22°C, 45% rH, free-standing.

1) Important information: To ensure optimal operation, it is necessary to specify all temperature and humidity set points when ordering
2) Humidity is adjustable
3) Adjustable dehumidification
4) Up to +20°C on request
5) Humidity depends on temperature setting
6) MANDATORY REQUEST: All temperature and humidity operation set points must be specified
7) The lower reachable operation temperature depends on the instrument's ambient temperature and its mechanical integration. It may also be affected when combined with Shaker or Wave options or special internal lift configurations
8) Minimum temperature >12°C above ambient
9) HT-Option extended temperature range >70°C available

The climate information in the above table is of indicative nature only. For details, always contact LiCONiC Sales or Applications and have the information on your planned set points ready.

Dimensions

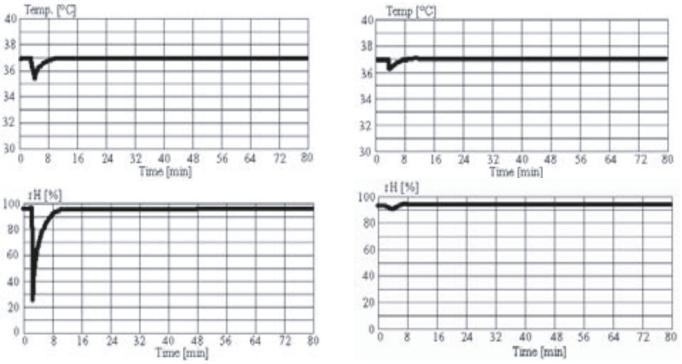


Access

Through the full-sized user door

Through the small robotic gate

Typical StoreX curves



Options

	Order No.
High temperature 70°C capability	9122 06 02
Bar Code Reader option incl. Plate Presence sensor	9118 11 03
Plate Presence sensor	9121 00 62
Ultra high speed (48V upgrade kit)	9188 35 18
iMotion access speeds for critical applications	9118 35 71
N-Way decontamination	9122 05 28
Liconel self decontaminating incubator chamber	9143 01 97
Linear Shaker, Amplitude 1-100mm, 12-300 rpm	9143 02 00
Steam injection	9118 11 16
Plate overweight kit 300-800g	9118 13 83

Gassing Option	Order No.
CO2, Fast - 0%- 10%	9118 11 12
CO2, Fast - 0%- 20%	9118 48 41
Fast N2	9118 11 13
Fast O2	9118 11 14
Additional N2	9118 11 11
O2, 1% - 10%	9118 11 08
O2, 1% - 20%	9118 48 42

Capacity

Plate Type	Plate Height	Plate Capacity of Unit
NTP	5 mm	495
	11 mm	319
1536	12 mm	308
MTP	17 mm	242
	22 mm	198
	23 mm	187
	24 mm	187
	27 mm	165
DWP	44 mm	110
	53 mm	88
DiTi200	66 mm	77
DiTi1000	104 mm	44

LiCONiC INSTRUMENTS

www.liconic.com
Europe & International: LiCONiC AG, Liechtenstein
UK & Nordic: LiCONiC UK Ltd, Manchester
US & Asia: LiCONiC Inc, North Reading, MA

© LiCONiC AG, 11.2026
Patented technology

Information within this document is subject to change without prior notice.
Specification values without tolerances assume a +/- 10% tolerance.
For details please contact our applications team: sales@liconic.com