

-20°C
+70°C

STX140

Automated
Incubator

- Integrated Plate Handling
- Stand-Alone or Bench-Top
- Heated or Cooled Versions



StoreX
Series

STX140

Stable and Precise Climate Conditions

The STX140 is the world's smallest carousel-based automated incubator. The STX140 slim 485 mm width minimizes the room required along a robotic line. Yet, keeping size constraints in mind, these units can be stacked to increase production needs.

The STX140 features LiCONiC's new Flush Gate and LiCONiC's new speed-optimized handling. The Flush Gate simplifies integration by omitting any obstacle in the Gate area.

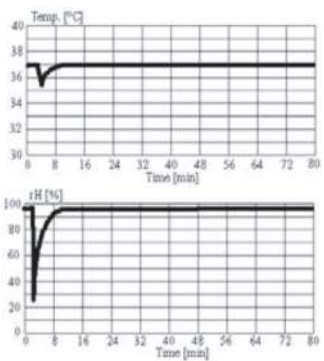
Climate Options						
Type	Temperature	Humidity	Remarks	Description	Order Nr. Stand Alone	Order Nr. Bench Top
STX140-IC	33..50°C	max. 95%	1) 7)	Incubator	9131 03 08	9131 03 16
	33..70°C	70..95%				
STX140-HC	04..25°C	max. 90%	1) 5)	Humid Cooler	9131 03 09	9131 03 17
STX140-DC2	04..25°C	04..50%	1) 3) 5)	Dry Storage	9131 03 10	9131 03 18
STX140-HR	04..50°C	85..95%	1) 5)	Humid Wide Range	9131 03 11	9131 03 19
	04..70°C	70..95%				
STX140-DR2	04..50°C 04..70°C	02..50%	1) 3) 5)	Dry Wide Range	9131 03 14	9131 03 22
STX140-AR	04..50°C 04..70°C	15..95%	1) 2) 5) 6)	Humidity Controlled	9131 03 13	9131 03 21
STX140-DF	-20..0°C	02..45%	1) 4) 5)	Deep Freezer	9131 03 12	9131 03 20
STX140-NC	N/A	N/A	N/A	No Climate	9131 03 15	9131 03 23
STX140-DH	04..50°C 04..70°C	2..30% 70..95%	1)	Dry Humid	9131 04 39	9132 04 40

- 1) Important information: To ensure optimal operation, it is necessary to specify all temperature and humidity set points in order
- 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 Waver options or special internal lift configurations

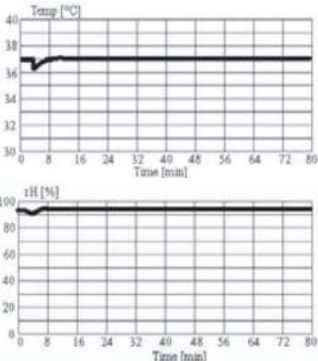
The climate information in the above table is of indicative nature only. For details, always contact LiCONiC Sales or Applications and have the information on your planned set points ready.

Access

Through the full-sized user door



Through the small robotic gate

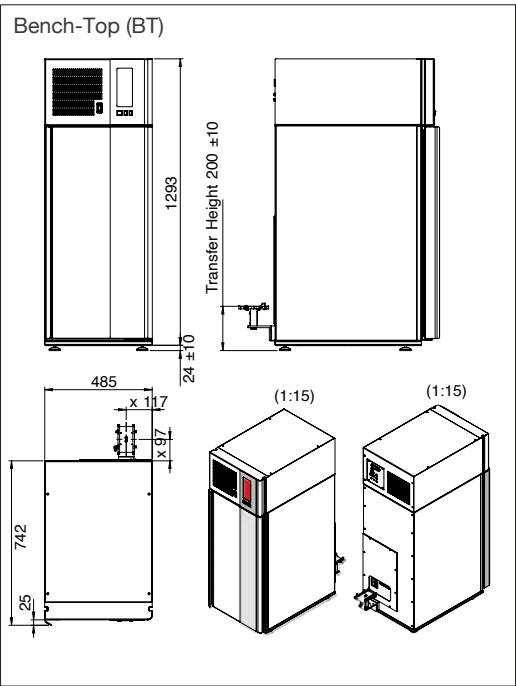
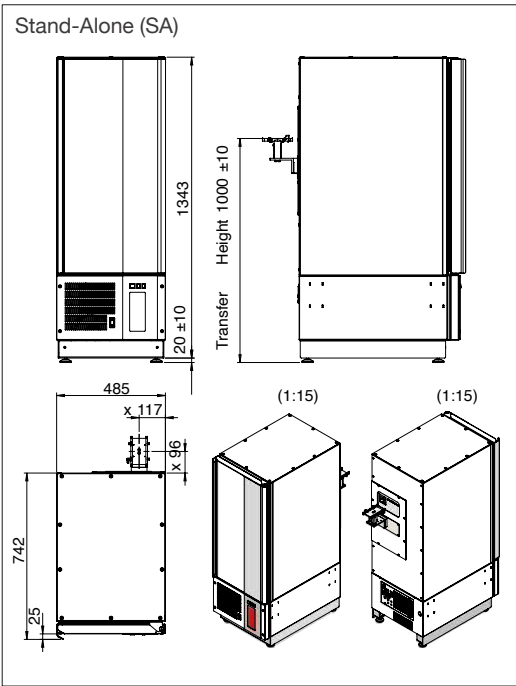


Options

Options	Order Nr.	Options	Order Nr.
High temperature 70°C capability	9122 06 02	Fast CO2	9118 11 12
Bar Code Reader option incl. Plate Presence sensor	9118 11 03	Fast N2	9118 11 13
Plate Presence sensor	9121 00 62	Fast O2	9118 11 14
iMotion access speeds for time critical applications	9118 35 71	Additional CO2	9118 11 07
Plate overweight feature 60-160mm	9131 05 40	Additional N2	9118 11 11
N-Way decontamination	9131 04 32		
Liconel self decontaminating incubator chamber	9131 05 11		
Linear Shaker, amplitude 1-100mm, 12-300 rpm	9131 00 18		
Steam injection	9118 11 16		
Side Gate (left side wall, seen from front)	9131 05 20		
Mirrored Gate location, on back wall (MR)	9131 05 30		
Plate overweight kit 300-800g	9118 13 83		

Like all members of the StoreX family the STX 140 can be equipped with various types of further options and a wide selection of useful accessories.

Dimensions



Capacity

Plate Type	Plate Height	Plate Capacity of Unit
NTP	5 mm	290
	11 mm	190
	12 mm	175
MTP	17 mm	140
	22 mm	115
	23 mm	110
DWP	24 mm	105
	27 mm	95
	44 mm	65
DiTi200*	53 mm	50
	66 mm	45
	104 mm	25

*Overheight kit required for plate height > 60mm.

Integration:

The STX140 instruments are available for integration with the instrument placed on the table surface (BenchTop BT) or the instrument standing on the floor (StandAlone SA). The combination of a StandAlone configuration with a Bench-Top allows these units to be stacked.

