LiCONiC INSTRUMENTS



STX220

Automated Incubator

- More Integration Flexibility
- 16-Bit Digital Climate Control

StoreX Series

STX220

Stable and Precise Climate Conditions

The STX220 with 220 MTP capacity and implemented Flush Gate. The newly developed handling with higher speeds. This unit can be stacked one on top of the other to give high throughput results.

The Flush Gate simplifies integration by omitting any obstacle in the Gate area.

Climate Options

Type	Temperature	Humidity	Remarks	Description	Order No. Stand Alone	Order No. Bench Top
STX220-IC	34..50°C	max. 95%	1) 7) 8) 9)	Incubator	9122 05 10	9123 05 10
STX220-HC	04..25°C	max. 90%	1) 5)	Humid Cooler	9122 05 11	9123 05 11
STX220-DC2	04..25°C	04..50%	1) 3) 5)	Dry Storage	9123 05 07	9123 05 08
STX220-HR	04..50°C	85..95%	1) 5) 9)	Humid Wide Range	9122 05 12	9123 05 12
STX220-DR2	04..50°C	02..50%	1) 3) 5) 9)	Dry Wide Range	9122 05 05	9123 05 41
STX220-AR	04..50°C	15..95%	1) 2) 5) 6) 9)	Humidity Controlled	9122 05 21	9123 05 19
STX220-DF	-20..0°C	02..45%	1) 4) 5)	Deep Freezer	9122 05 27	9122 05 31
STX220-NC	N/A	N/A	N/A	No Climate	9123 05 14	9123 05 15
STX220-DH	04..50°C	2..30% 70..95%	1) 8) 9)	Dry Humid	9122 20 82	9122 20 83

All specifications at 22°C and 45%rH and 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 Waver options or special internal lift configurations
8) Minimum temperature >12°C above ambient
9) HT-Option extended temperature range >70°C available

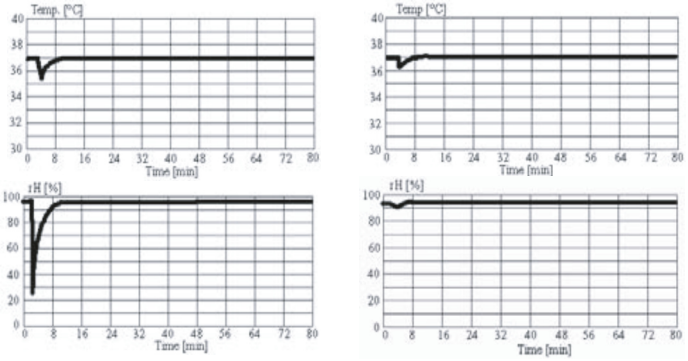
The climate information in the above table is of indicative nature only. For details, always contact LiCONiC Sales or Applications and have the information on your planned set points ready.

Access

Through the full-sized user door

Through the small robotic gate

Typical StoreX curves:

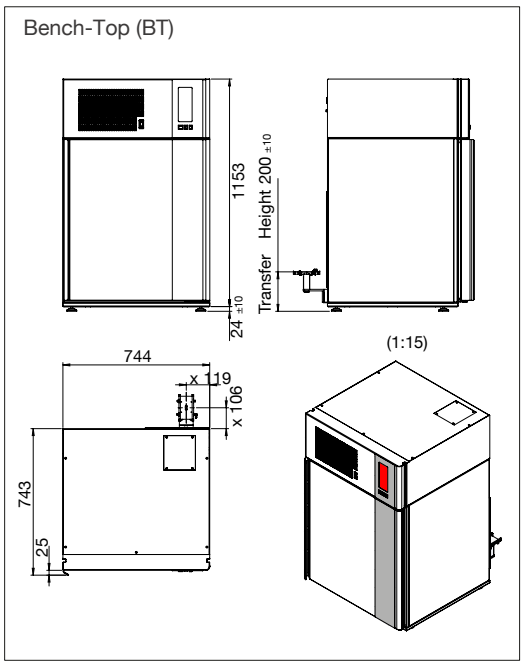


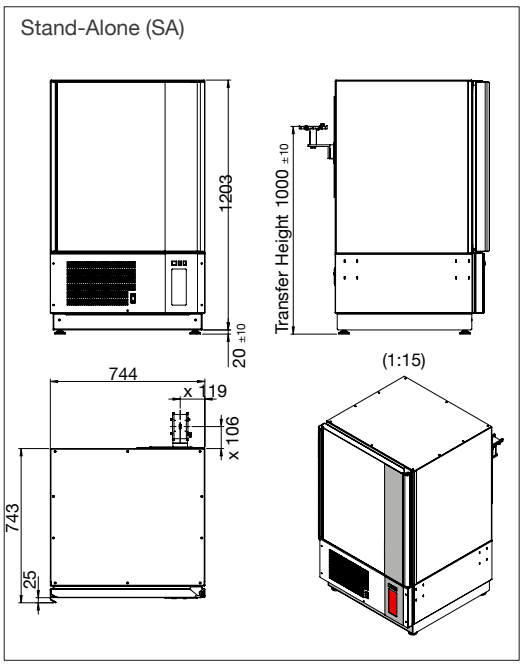
Options

	Order No.	Gassing Option	Order No.
High temperature 70°C capability	9122 06 02	CO2, Fast - 0%-10%	9118 11 12
Bar Code Reader option incl. Plate Presence sensor	9118 11 03	CO2, Fast - 0%-20%	9118 48 41
Plate Presence sensor	9118 38 25	Fast N2	9118 11 13
Plate overheight feature 60-160mm	9122 06 82	Fast O2	9118 11 14
iMotion access speeds for critical applications	9118 35 71	Additional N2	9118 11 11
Ultra high speed (48V upgrade kit)	9118 35 18	O2, 1% - 10%	9118 11 08
N-Way decontamination	9122 05 28	O2, 1% - 20%	9118 48 42
Liconel self decontaminating incubator chamber	9122 05 25		
Easy Clean option	9122 05 14		
Linear Shaker, amplitude 1-100 mm, 12-300 rpm	9122 05 15		
Steam injection	9118 11 16		
Plate overweight kit 300-800g	9118 13 83		

Like all members of the StoreX family the STX 220 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	420
	11 mm	280
1536	12 mm	270
MTP	17 mm	220
	22 mm	170
	23 mm	170
	24 mm	170
	27 mm	150
DWP	44 mm	100
	53 mm	80
DiTi200	66 mm	70
DiTi1000	104 mm	40

*Overheight kit required for plate hight > 60mm.

Integration:

The STX220 instruments are available for integration with the instrument placed on the table surface (BenchTop BT) or for integration with the instrument standing on the floor (StandAlone SA).

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LiCONiC INSTRUMENTS

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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