LiCONiC INSTRUMENTS



STX280

Automated Incubator

- More Integration Flexibility
- Higher Access Speed
- 16-Bit Digital Climate Control

StoreX Series

STX280

Stable and Precise Climate Conditions

The STX280 is the classical 198 MTP-size incubator improved with increased 280 MTP capacity and newly implemented Flush Gate. The newly developed handling with higher speeds, spring loaded instead of counterweight, and flush gate enchances the overall performance of the unit. 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

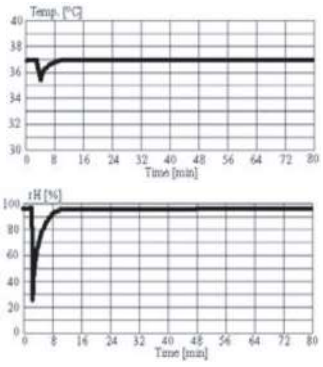
Type	Temperature	Humidity	Remarks	Description	Order Nr. Stand Alone	Order Nr. Bench Top
STX280-IC	33..50°C 33..70°C	max. 95% 70..95%	1) 7)	Incubator	9122 09 63	9123 9 71
STX280-HC	04..25°C	max. 90%	1) 5)	Humid Cooler	9122 09 64	9123 09 72
STX280-DC2	04..25°C	04..50%	1) 3) 5)	Dry Storage	9123 09 65	9123 09 73
STX280-HR	04..50°C 04..70°C	85..95% 70..95%	1) 5)	Humid Wide Range	9122 09 66	9123 09 74
STX280-DR2	04..50°C 04..70°C	02..50%	1) 3) 5)	Dry Wide Range	9122 09 67	9122 09 75
STX280-AR	04..50°C 04..70°C	15..95%	1) 2) 5) 6)	Humidity Controlled	9122 09 68	9123 09 76
STX280-DF	-20..0°C	02..45%	1) 4) 5)	Deep Freezer	9122 09 69	9122 09 77
STX280-NC	N/A	N/A	N/A	No Climate	9123 09 70	9123 09 78
STX280-DH	04..50°C 04..70°C	2..30% 70..95%	1)	Dry Humid	9122 20 84	9122 20 85

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

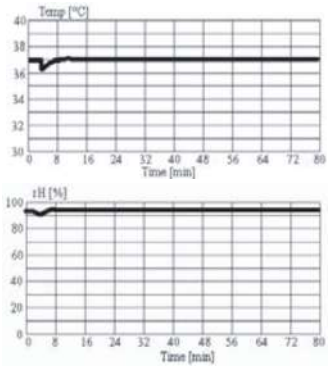
The climate information in the above table is of indicative nature only. For details, always contact Liconic Sales or Applications and have the information on your planned set points ready.

Access

Through the full-sized user door



Through the small robotic gate

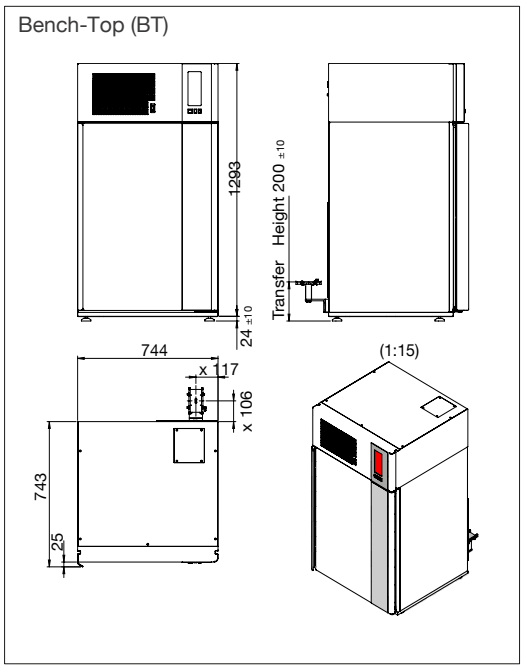


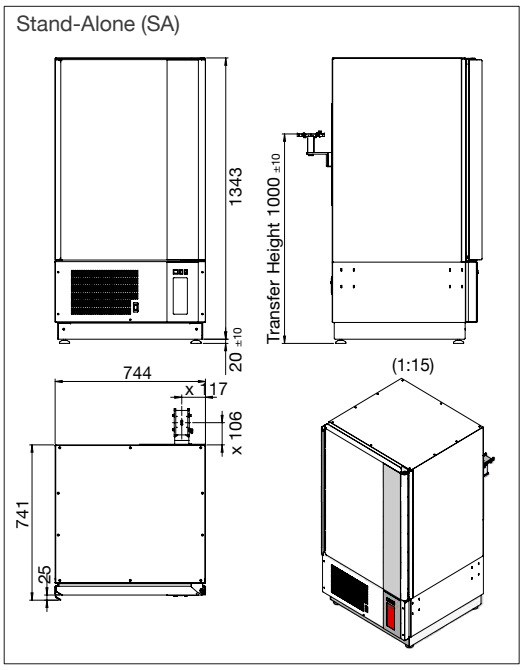
Options

	Order Nr.	Gassing Option	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
Plate overheight feature, 60-160mm	9122 06 82	Additional CO2	9118 11 07
Fast access for time critical applications	9111 10 00	Additional N2	9118 11 11
N-Way decontamination	9122 05 28	Additional O2	9118 11 08
Liconel self decontaminating incubator chamber	9122 05 25		
Easy Clean option	9122 05 14		
Linear Shaker, amplitude 1-100mm, 12-300 rpm	9122 05 15		
Side Gate on left side wall	9122 05 16		
Mirrored Gate location	9122 05 17		
Steam injection	9118 11 16		
iTouch interaction screen	9118 35 69		
iMotion access speeds for critical applications	9118 35 71		
Plate overweight kit 300-800g	9118 13 83		

Like all members of the StoreX family the STX 280 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	580
	11 mm	380
1536	12 mm	350
MTP	17 mm	280
	22 mm	230
	23 mm	220
	24 mm	210
	27 mm	190
DWP	44 mm	130
	53 mm	100
DiTi200	66 mm	90
DiTi1000	104 mm	50

*Overheight kit required for plate hight > 60mm.

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Information within this document is subject to be changed without prior notice.
Specifaction values without tolerances assume a +/- 10% tolerance.
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