

# STX Automated Incubators

## STX220

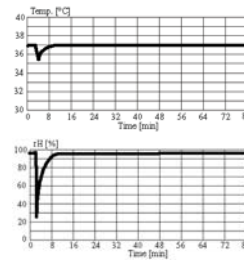
*More Integration Flexibility*  
*Higher Access Speed*  
*16-Bit Digital Climate Control*



StoreX220 Series

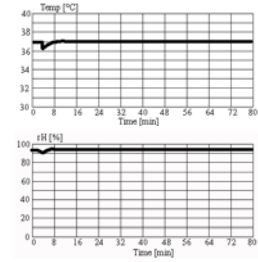
## STX220

The STX220 is the classical 198MTP-size incubator improved with increased 220 MTP capacity and newly implemented Flush Gate. The newly developed handling with higher speeds, spring loaded instead of counter weight, and flush gate improves 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.



Access through full-sized user door

Access through the small robotic gate



Climate Options						
Type	Temperature	Humidity	Description	Order Nr. STX220 Stand Alone	Order Nr. STX220 Bench Top	
STX220-IC	33..50°C (70°C)	max. 95%	Incubator	9122 05 10	9123 05 10	
STX220-HC <sup>1)</sup>	04..25°C	max. 90%	Humid Cooler	9122 05 11	9123 05 11	
STX220-DC2 <sup>1) 3)</sup>	04..25°C	04..50%	Dry Storage	9123 05 07	9123 05 08	
STX220-HR <sup>1)</sup>	04..50°C (70°C)	90..95%	Humid Wide Range	9122 05 12	9123 05 12	
STX220-DR <sup>1) 3)</sup>	04..50°C	02..50%	Dry Wide Range	9122 05 05	9122 05 22	
STX220-AR <sup>2)</sup>	04..50°C	20..90%	Humidity Controlled	9122 05 21	9123 05 19	
STX220-DF <sup>1)</sup>	-20..0°C <sup>4)</sup>	02..45%	Deep Freezer	9122 05 27	9122 05 31	
STX220-NC	-	-	No Climate	9123 05 14	9123 05 15	

<sup>1)</sup> Humidity depends on temperature setting / <sup>2)</sup> Humidity Adjustable / <sup>3)</sup> Adjustable dehumidification / <sup>4)</sup> up to +20°C on request

## Options

	Order Nr.	Gassing Option	Order Nr.
High temperature 70°C capability	9122 06 02	Fast CO2 Gassing Option	9118 11 12
Bar Code Reader Option	9118 11 03	Fast N2 Gassing Option	9118 11 13
Plate Presence Sensor	9121 00 62	Fast O2 Gassing Option	9118 11 14
Disposal Tips upgrade kit up to 100mm height	9118 12 23	Additional CO2 Gassing Option	9118 11 07
Fast access for time critical applications	9111 10 00	Additional N2 Gassing Option	9118 11 11
N-Way Decontamination	9122 05 28	Additional O2 Gassing Option	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			
UCI Universal Communication Interface			

Like all members of the StoreX family the STX220 can be equipped with various types of further options and a wide selection of useful accessories. For details please refer to [www.liconic.com](http://www.liconic.com)

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).

## Dimensions

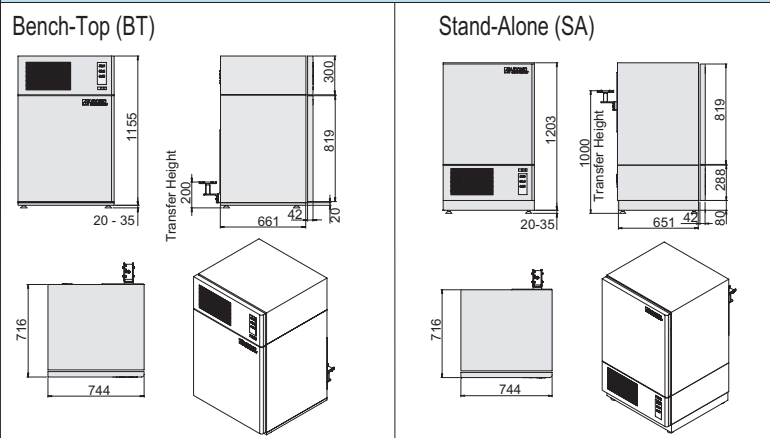


Plate Type	Plate Height	Plate capacity of unit
NTP (Nanotiter Plates)	5 mm	420
	11 mm	280
1536	12 mm	270
	17 mm	220
MTP (Microtiter Plates)	22 mm	170
	23 mm	170
	24 mm	170
DWP (Deep Well Plates)	27 mm	150
	44 mm	100
	53 mm	80
DiTi200	66 mm	70
DiTi1000	104 mm	40