

STX Automated Incubators

STX1000

Proven Design
Large Capacity
Simple Integration



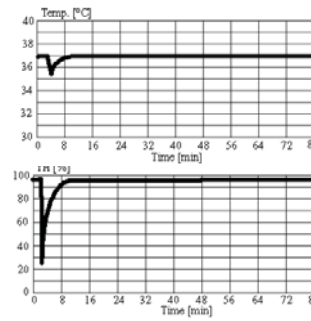
StoreX10000 Series

STX 1000

The STX1000 is the largest carousel based incubator of the StoreX series.

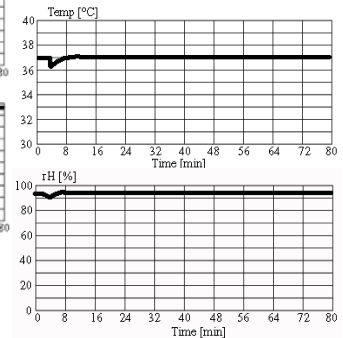
Like the STX500 the STX1000 can be configured as double Decker carousel allowing 880 MTP using 2x2 levels of standard 540 mm cassettes or 1000 MTP using 680 mm cassettes on the upper deck or configured as single deck using 1200 mm cassettes maximizing its capacity to 1060 MTP.

Despite of its large capacity the STX1000 with its 770mm depth and 1970mm height will still fit through any laboratory door or in any maintenance elevator. The wheels lock into place to ensure accuracy and the workstation.



Access through full-sized user door

Access through the small robotic gate



Climate Options

Type	Temperature	Humidity	Description	Order Nr.
STX1000-IC	33..50°C (70°C)	max. 95%	Incubator	9136 00 00
STX1000-HC ¹⁾	04..25°C	max. 90%	Humid Cooler	9136 05 00
STX1000-DC2 ^{1) 3)}	04..25°C	04..50%	Dry Storage	9136 05 10
STX1000-HR ¹⁾	04..50°C (70°C)	90..95%	Humid Wide Range	9136 05 01
STX1000-DR ^{1) 3)}	04..50°C	02..50%	Dry Wide Range	9136 05 12
STX1000-AR ²⁾	04..50°C	20..90%	Humidity Controlled	9136 05 08
STX1000-DF ¹⁾	-20..0°C ⁴⁾	02..45%	Deep Freezer	9136 05 03
STX1000-NC	-	-	No Climate	9136 05 16

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

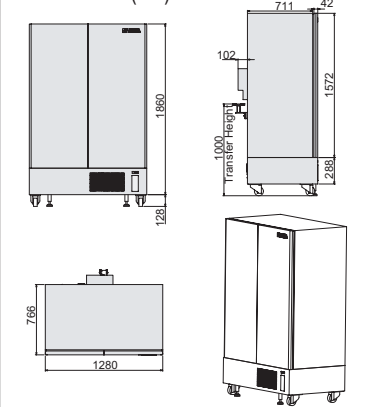
Options

	Order Nr.	Gassing Option	Order Nr.
Bi-Level, 2 carousel platforms	9136 05 04	Fast CO2 Gassing Option	9118 11 12
High temperature 70°C capability	9122 06 06	Fast N2 Gassing Option	9118 11 13
Bar Code Reader Option	9122 06 03	Fast O2 Gassing Option	9118 11 14
Plate Presence Sensor	9121 00 62	Additional CO2 Gassing Option	9118 11 07
Disposal Tips upgrade kit up to 100mm height	9118 12 23	Additional N2 Gassing Option	9118 11 11
Fast access for time critical applications	9122 06 04	Additional O2 Gassing Option	9118 11 08
N-Way Decontamination	9122 05 28		
Liconel self decontaminating incubator chamber	9136 05 11		
UCI Universal Communication Interface	9118 11 17		
Steam Injection	9118 11 16		

Like all members of the StoreX family the STX1000 can be equipped with various types of further options and a wide selection of useful accessories. For details please refer to www.liconic.com

Dimensions

Stand-Alone (SA)



Capacity

Plate Type	Plate Height	Plate capacity of unit		
		Conf.1	Conf.2	Conf.3
NTP (Nanotiter Plates)	5 mm	1680	1940	2220
	11 mm	1120	1300	1440
	1536	1080	1240	1360
MTP (Microtiter Plates)	17 mm	880	1000	1060
	22 mm	680	800	860
	23 mm	680	800	860
	24 mm	680	800	860
	27 mm	600	680	740
DWP (Deep Well Plates)	44 mm	400	440	500
	53 mm	320	360	420
DiTi200	66 mm	280	300	340
DiTi1000	104 mm	160	180	220