

# Automated Precision Incubators

## StoreX Series

STX44    STX110    STX220    STX500    STX1000

Climate / Application

### STX 44

Bench-Top or Stand-alone



**Capacity**  
**44**  
Microtiter Plates

StoreX 44, the smallest member of the StoreX family, it is available as a StandAlone and BenchTop version. The StoreX 44's small dimensions are combined with an unlimited climate and handling performance and can be fully equipped with all the StoreX options and accessories.

### STX 220

Bench-Top or Stand-alone

**Capacity**  
**220**  
Microtiter Plates

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.



### STX 1000

**Capacity**  
**1060**  
Microtiter Plates



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 stackers or 1000 MTP using 680 stackers on the upper deck. Configured as single deck using 20 stackers will maximize its capacity to 1060 MTP.



### STX 110

Bench-Top or Stand-alone

**Capacity**  
**110**  
Microtiter Plates

The STX110 is the world's smallest carousel based automated incubator. The STX110 slim 400mm width minimizes room required along a robotic line. This unit begins the high throughput series storage line; yet, keeping size constraints in mind. These units can be stacked to increase production needs equipped with all the StoreX options and accessories.

### STX 500

**Capacity**  
**530**  
Microtiter Plates



The StoreX 500 is a mid-to large capacity, environmentally controlled chamber with integrated plate transport handling. Even with over 500 Microtiter Plate capacity, the STX500 will still fit through any standard sized laboratory door.

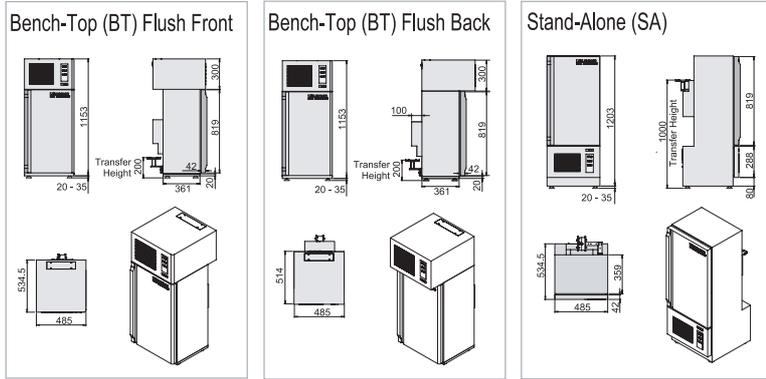
www.liconic.com  
Liconic AG, Liechtenstein  
Liconic UK Ltd, Manchester  
Liconic Inc, Woburn MA

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

IC	Incubator	33 .. 50°C (70°C)	max 95 % RH
DC2 <sup>1,3)</sup>	Dry Storage	04 .. 25°C	04 .. 50 % RH
HC <sup>1)</sup>	Humid Cooler	04 .. 25°C	max 90 % RH
HR <sup>1)</sup>	Humid Wide Range	04 .. 50°C (70°C)	90 .. 95 % RH
AR <sup>1,2)</sup>	Humidity Controlled	04 .. 50°C	10 .. 95 % RH
DR <sup>1,3)</sup>	Dry Wide Range	04 .. 50°C	02 .. 50 % RH
DF <sup>1,4)</sup>	Deep Freezer	-20 .. 0°C	02 .. 45 % RH

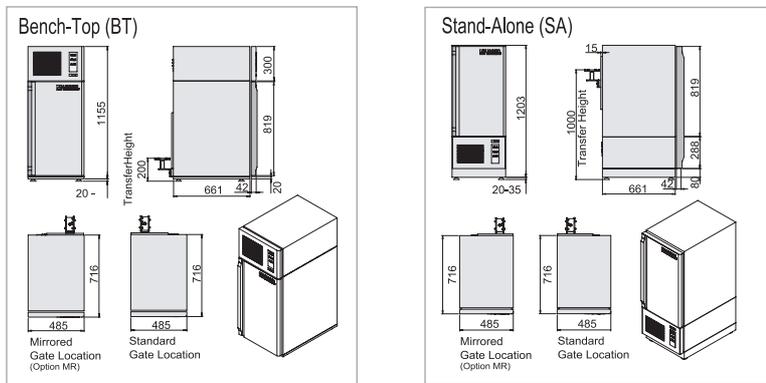
StoreX Series

## STX 44



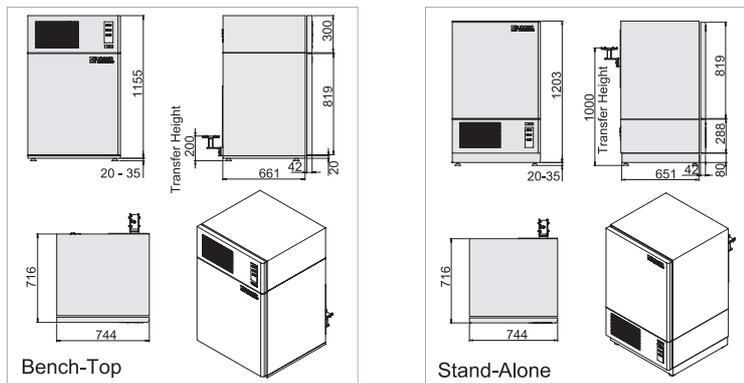
Capacity		
Plate Type	Plate Height	Plate capacity of unit
NTP (Nanotiter Plates)	5 mm	84
	11 mm	56
1536	12 mm	54
	17 mm	44
	22 mm	34
	23 mm	34
	24 mm	34
DWP (Deep Well Plates)	27 mm	30
	44 mm	20
	53 mm	16
DiTi200	66 mm	14
DiTi1000	104 mm	8

## STX 110



Capacity		
Plate Type	Plate Height	Plate capacity of unit
NTP (Nanotiter Plates)	5 mm	210
	11 mm	140
1536	12 mm	135
	17 mm	110
	22 mm	85
MTP (Microtiter Plates)	23 mm	85
	24 mm	85
	27 mm	75
	44 mm	50
DWP (Deep Well Plates)	53 mm	40
	66 mm	35
DiTi1000	104 mm	20

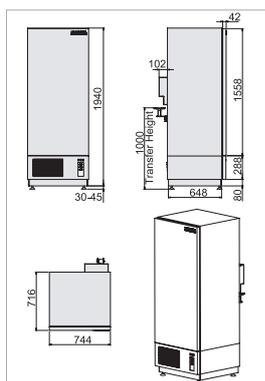
## STX 220



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

## STX 500

Capacity				
Plate Type	Plate Height	Plate capacity of unit		
		Conf.1	Conf.2	Conf.3
NTP	5 mm	840	970	1110
	11 mm	560	650	720
1536	12 mm	540	620	680
	17 mm	440	500	530
	22 mm	340	400	430
MTP	23 mm	340	400	430
	24 mm	340	400	430
	27 mm	300	340	370
	44 mm	200	220	250
DWP	53 mm	160	180	210
	66 mm	140	150	170
DiTi1000	104 mm	80	90	110



## STX 1000

Capacity				
Plate Type	Plate Height	Plate capacity of unit		
		Conf.1	Conf.2	Conf.3
NTP	5 mm	1680	1940	2220
	11 mm	1120	1300	1440
1536	12 mm	1080	1240	1360
	17 mm	880	1000	1060
	22 mm	680	800	860
MTP	23 mm	680	800	860
	24 mm	680	800	860
	27 mm	600	680	740
	44 mm	400	440	500
DWP	53 mm	320	360	420
	66 mm	280	300	340
DiTi1000	104 mm	160	180	220

