

# STX44

## Side Gate

### Description

The STX44 Side Gate configuration is designed for seamless integration at the side of other equipment whilst user door facing to the front. As all the Liconic STX44 systems, the STX44 Side Gate unit is available in BT (Bench Top) and SA (Stand Alone) configuration. Whereas the BT version has located the controls and climate at the top of the unit for placement on a bench, the SA version has the controls and climate located at the bottom of the unit for placement on the floor.

Most of the Liconic wide range of useful options and accessories are available for the STX44 Side Gate.

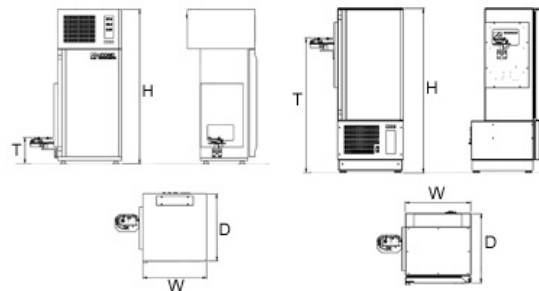
For details please refer to the Options and Accessories or contact one of our sales representatives.



### Capacity

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

### Dimensions



Width (W)	485 mm
Depth (D)	534.5 mm
Height (H)	1203 * mm
Transfer Height (T)	1000 mm (SA) 200 mm (BT)

\* add 20-35mm for feet

## Climate

Type	Temperature	Relative Humidity		Order Nr.
STX44-ICSA SL	33..50°C (70°C)	max. 95 %	Incubator	9118 12 00 + 9118 12 73
STX44-ICBT SL	33..50°C (70°C)	Max. 95 %	Incubator	9118 07 00 + 9118 12 73
STX44-HCSA SL <sup>1)</sup>	04..25°C	max. 90 %	Humid Cooler	9118 04 00 + 9118 12 73
STX44-HCBT SL <sup>1)</sup>	04..25°C	Max. 90 %	Humid Cooler	9118 08 00 + 9118 12 73
STX44-DC2SA SL <sup>1)3)</sup>	04..25°C	04..50 %	Dry Storage	9118 12 55 + 9118 12 73
STX44-DC2BT SL <sup>1)3)</sup>	04..25°C	04..50 %	Dry Storage	9118 12 56 + 9118 12 73
STX44-HRSA SL <sup>1)</sup>	04..50°C (70°C)	90..95 %	Humid Wide Range	9118 05 00 + 9118 12 73
STX44-HRBT SL <sup>1)</sup>	04..50°C (70°C)	90..95 %	Humid Wide Range	9118 09 00 + 9118 12 73
STX44-DRSA SL <sup>1)3)</sup>	04..50°C	02..50 %	Dry Wide Range	9118 05 02 + 9118 12 73
STX44-DRBT SL <sup>1)3)</sup>	04..50°C	02..50 %	Dry Wide Range	9118 05 03 + 9118 12 73
STX44-ARSA SL <sup>1)2)</sup>	04..50°C	10..95 %	Humidity Controlled	9118 12 45 + 9118 12 73
STX44-ARBT SL <sup>1)2)</sup>	04..50°C	10..95 %	Humidity Controlled	9118 12 34 + 9118 12 73
STX44-DFSA SL <sup>1)</sup>	-20..0°C <sup>4)</sup>	04..45 %	Deep Freezer	9118 12 38 + 9118 12 73
STX44-DFBT SL <sup>1)</sup>	-20..0°C <sup>4)</sup>	04..45 %	Deep Freezer	9118 12 39 + 9118 12 73
STX44-NCSA SL	-	-	No Climate	9118 12 40 + 9118 12 73
STX44-NCBT SL	-	-	No Climate	9118 12 72 + 9118 12 73

1) Humidity depends on temperature setting

2) Humidity adjustable

3) Adjustable dehumidification

4) up to +20°C on request

## Specifications

Specifications		STX44-IC	STX44-HC	STX44-DC2	STX44-DR	STX44-HR
Application		Incubation	Humid Cooling	Dry Storage	Dry MultiRange	Humid MultiRange
Plate Capacity	Microtiter			44		
	Deep Well			18		
	Nanotiter			84		
Temperature Range (HT)	°C	33..50 (70)	4..25	4..25	4..50	4..50 (70)
Temperature Deviation	°C	+/- 0.2	+/- 0.5	+/- 1	+/- 1.5	+/- 0.3
Relative Humidity	%	max. 95	max. 90	04..50	02..50	90..95
Communication		RS232 V24, 9600Baud, ASCII				
User Software		Win32 / Windows NT / Windows2000				
Facility Requirements		100V / 50Hz; 115V / 60Hz; 230V / 50 Hz; Switchable				

## Options

	<i>Order Nr.</i>
IT Option for Crystallization	9118 12 53
High temperature 70 degrees Celsius capability	9118 11 02
Bar Code Reader Option	9118 11 03
Plate Presence Sensor	9121 00 62
Fast access for time critical applications	9111 10 00
Easy Clean option	9118 12 21
UCI Universal Communication Interface	9118 11 17
Liconel self decontaminating incubation chamber	9118 12 43
n-Way Decontamination Option	9122 05 28
Steam Injection Option	9118 11 16
Fast CO2 Gassing Option	9118 11 12
Fast N2 Gassing Option	9118 12 13
Fast O2 Gassing Option	9118 11 14
Additional CO2 Gassing Option	9118 11 07
Additional N2 Gassing Option	9118 11 11
Additional O2 Gassing Option	9118 11 08
Shaking option, orbital, 1mm Amplitude, 600 rpm max.	9118 12 24
Shaking option, orbital, 1mm Amplitude, 1200 rpm max.	9118 12 25
Shaking option, orbital, 3mm Amplitude, 600 rpm max.	9118 12 41
Shaking option, orbital, 6mm Amplitude, 400 rpm max.	9118 12 42

## Accessories

	<i>Order Nr.</i>
Standard MTP cassette, 22 levels, pitch=23mm	9111 05 00
Deep-well cassette, 10 levels, pitch=50mm	9111 05 42
Custom Size cassette, nn levels, mm pitch (specify plate height)	9118 12 31
MTP cassette, 22 levels, pitch=23mm, all stainless steel	9118 12 26
Deep-well cassette, 10 levels, pitch=50mm, all stainless steel	9118 12 27
Custom Size cassette, nn levels, mm pitch, (specify plate height) all stainless steel	9118 12 33
MTP cassette, 22 levels, pitch=23mm, all stainless steel for shaker	9121 00 83
Deep-well cassette, 10 levels, pitch=50mm, all stainless steel for shaker	9121 00 84
Custom Size cassette, nn levels, mm pitch (specify plate height) all stainless steel for shaker	9121 00 85
Standard Transfer Station with integrated plate detection sensor	9118 02 75
Standard Transfer Station with integrated plate detection sensor and active alignment	9118 00 58
Turn Transfer Station	9118 00 59
Swap Transfer Station	9118 11 00
Slide Transfer Station for extended transfer reach Motor up (170mm)	9118 12 28
Slide Transfer Station for double extended transfer reach (300mm)	9111 07 81
Custom Size Slide Transfer Station mm transfer reach (specify transfer reach 300-1000mm)	9118 12 30
Parallel Transfer Station	9111 09 92
Lift Station	9111 10 32
Step Turn Station	9111 11 21
Step Slide Station	9111 11 30
Shuttle Transfer Station Turn 90°, Custom Size (specify transfer reach up to 1000 mm)	9111 10 95
STX Driver	9118 12 48
STX Driver and Database	9600 00 01
STX GUI incl. Driver and Database	9600 00 02