

+4°C
+70°C

STX88
STX112

Dual
Shaker

- Includes Multiple Independent Shaker Platforms
- Simple Integration or Upgrade in the External Automation
- Maximum Shaker Running Time Making Frequent Accesses Possible
- Ultra-Stable Climate Maintained despite the Stress of Frequent Accesses



StoreX
Series

STX88/112 Shaker

General Information

Liconic offers versatile and robust true orbital shaking options for the industry standard StoreX line of automated, climate-controlled incubators. These systems support a wide variety of Life Science applications requiring specific, precise climate control coupled with sample agitation, such as cell suspension, screening applications, and nucleic acid sample prep.

- 88/112 MTP plates in a single system
- Wide range of speeds and oscillating amplitudes optimized to your application
- Temperatures from 4C to 70C supported
- No external chiller required to extract excessive internal heat from the shaker mechanism

Orbital Shaker

Order Information Shaking option			
Orbital			Order Nr.
1mm Amplitude	600 rpm max.	for STX44	9118 12 24
1mm Amplitude	1200 rpm max.	for STX44	9118 12 25
1.5mm Amplitude	1000 rpm max.	for STX44	9118 26 98
2mm Amplitude	800 rpm max.	for STX44	9118 13 01
3mm Amplitude	600 rpm max.	for STX44	9118 12 41
4mm Amplitude	600 rpm max.	for STX44	9118 36 38
6mm Amplitude	400 rpm max.	for STX44	9118 12 42
1mm Amplitude	600 rpm max.	for STX56	9118 26 89
1mm Amplitude	1200 rpm max.	for STX56	9118 26 90
1.5mm Amplitude	1000 rpm max.	for STX56	9118 27 16
2mm Amplitude	800 rpm max.	for STX56	9118 26 97
3mm Amplitude	600 rpm max.	for STX56	9118 26 91
4mm Amplitude	600 rpm max.	for STX56	9118 36 39
6mm Amplitude	400 rpm max.	for STX56	9118 26 92

Need to be ordered twice.

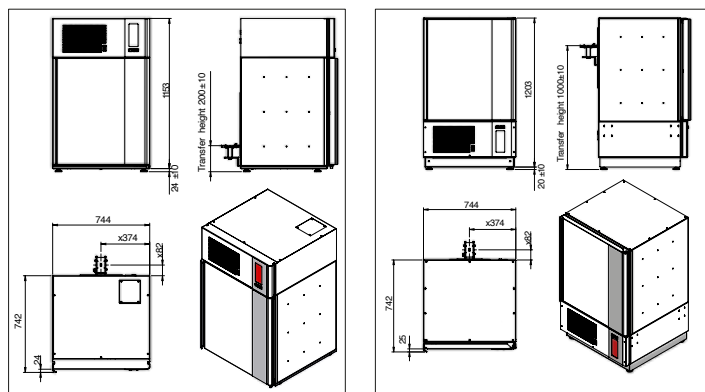
The STX88/112 provides unparalleled capacity scale-up in a single system. Also, two independent shaking platforms in one system can be independently controlled.

This allows for 1) two shaking parameter configurations to be selected in a single system (separate speed and amplitude options) and 2) independent access profiles allowing plate access to occur on one platform while the other remains in shaking mode.

Technical Specifications

Shaker Motion	orbital	
	Amplitude [mm PP] *)	Speed [min-1] **)
Performance	1	0-1200
	1.5	0-1000
	2	0-800
	3	0-600
	4	0-600
	6	0-400
Labware	All SBS-Format Plates (MTP, DWP...)	
Cassette	2	
	Shaker-Type, All Stainless Removable by User	
Software Control	Communications	Through Standard Port
	Activate / Deactivate	Software, Remote Command
	Speed	Software, Remote Parameter
	Plate Access	Random
Manual Operation	Positioning	Automatic
	Robotic Access	Software, Remote Command
	Manual Access	Front Door by User
	Cassette Access	Manually by User
Options	Shaker Safety Automatic Stop by Front Door	
	BCR Plate Identification	

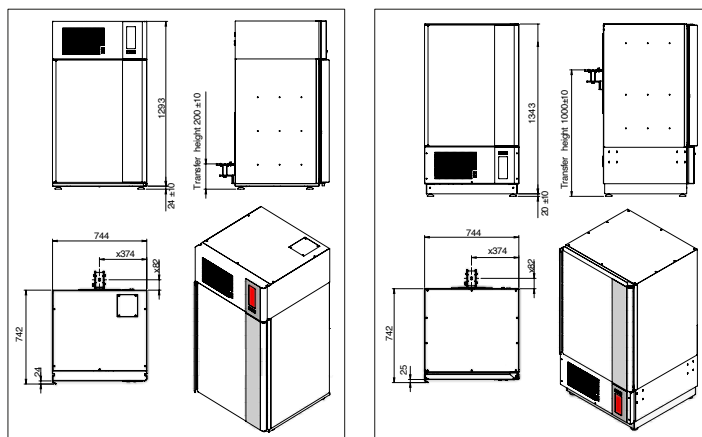
Dimensions STX88 Shaker



x Position varies depending on handling adjustment within chamber

x Position varies depending on handling adjustment within chamber

Dimensions STX112 Shaker



x Position varies depending on handling adjustment within chamber

x Position varies depending on handling adjustment within chamber

