STR44

STR Periscope

- STR Star Layout
- Very Compact Integration
- Suitable for Crystallization

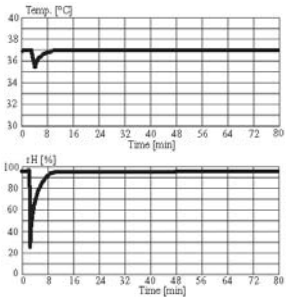
LiCONiC INSTRUMENTS

STR44

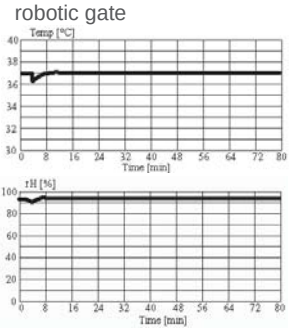
The STR44 is the smallest member of the STR family. Its 44 MTP capacity makes it perfectly suitable of small-scale integration, highly miniaturized applications or short time incubation assays.

The STR44 is ideal for protein crystallization work because the stationary cassettes with the Star concept allowing the periscope the only moving part, reducing vibration and movement of the samples. While allowing full remote access on handling and climate functions, you still are able to manually access the cassettes and samples through the large front door for loading and unloading your product.

Access through full-sized user door



Access through the small robotic gate



Like all members of the StoreX Star family the STR44 can be equipped with a large number of further options and a wide selection of useful accessor- ies. For details please visit www.liconic.com.

Climate Options

Type	Temperature	Humidity	Description	Order Nr.
STR44-IC 1)	33..50°C (70°C)	max. 95%	Incubator	9147 00 20
STR44-HC 1) 3)	04..25°C	max. 90%	Humid Cooler	9147 00 21
STR44-DC2 1)	04..25°C	04..50%	Dry Storage	9118 12 59
STR44-HR 1) 3)	04..50°C (70°C)	90..95%	Humid Wide Range	9147 00 22
STR44-DR 1) 2)	04..50°C	02..50%	Dry Wide Range	9147 00 37
STR44-AR 1)	04..50°C	10..95%	Humidity Controlled	9147 00 38
STR44-DF	-20..0°C	02..45%	Deep Freezer	9118 12 49
STR44-NC	-	-	No Climate	9147 00 43

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

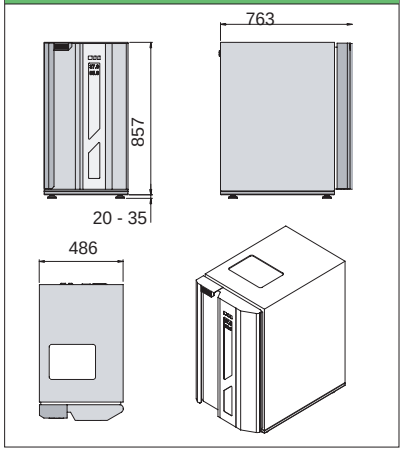
Options

	Order Nr.	Gassing Option	Order Nr.	Shaking Options	Order Nr.
High temperature 70°C capability	9118 11 02	Fast CO2	9118 11 12	Orbital, 1mm Ampl., 600rpm	9118 12 24
Bar Code Reader Option	9118 11 03	Fast N2	9118 11 13	Orbital, 1mm Ampl., 1200rpm	9118 12 25
Plate Presence Sensor	9121 00 62	Fast O2	9118 11 14	Orbital 3mm Ampl., 600rpm	9118 12 41
Disposal Tips upgrade kit up to 100mm height	9118 12 23	Additional CO2	9118 11 07	Orbital 6mm, Ampl., 400rpm	9118 12 42
Fast access for time critical applications	9111 10 00	Additional N2	9118 11 11		
Liconel self decontaminating incubator chamber	9118 12 44	Additional O2	9118 11 08		
UCI Universal Communication Interface	9118 11 17				
N-Way Decontamination	9122 05 28				
Steam Injection	9118 11 16				

Capacity

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

Dimensions



LICONIC INSTRUMENTS

www.Liconic.com
Europe & International: Liconic AG, Liechtenstein
UK & Nordic: Liconic UK Ltd, Manchester
US & Asia: Liconic Inc, Woburn MA

22.05.2014

© Liconic AG

Information within this document is subject to be changed without prior notice.
For details please contact our applications. info@liconic.com