



STR44

STR Periscope

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



StoreX
Series

STR44

Stable and Precise Climate Conditions

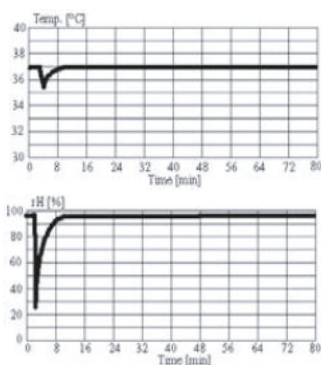
The STR44 is the smallest member of the STR family. Its 44 MTP capacity makes it perfectly suitable for small-scale integration, highly miniaturized applications or short-time incubation assays.

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

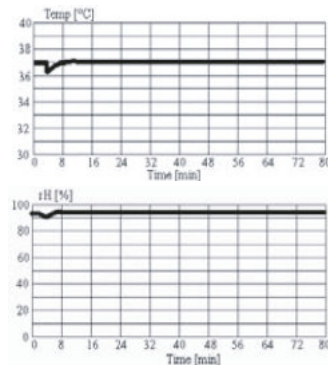
Like all members of the StoreX Star family, the STR44 can be equipped with a large number of further options and a wide selection of useful accessories.

Access

Through the full-sized user door



Through the small robotic gate



Climate Options

Type	Temperature	Humidity	Description	Order Nr. Bench Top
STR44-IC	6) 33..50°C 5) 33..70°C	7) max. 95% 70..95%	Incubator	9147 00 20
STR44-HC 1)	04..25°C	max. 90%	Humid Cooler	9147 00 21
STR44-DC2 1)3)	04..25°C	04..50%	Dry Storage	9118 12 59
STR44-HR 1)	04..50°C 04..70°C	7) 85..95% 70..95%	Humid Wide Range	9147 00 22
STR44-DR2 1) 3)	04..50°C 04..70°C	02..50%	Dry Wide Range	9147 00 37
STR44-AR 1) 2)	04..50°C 04..70°C	15..95%	Humidity Controlled	9147 00 38
STR44-DF 1)	4) -20..0°C	02..45%	Deep Freezer	9118 12 49
STR44-NC	-	-	No Climate	9147 00 43
STR44-DH 5)	04..50°C 04..70°C	2..30% 70..95%	Dry Humid	9118 41 53

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

5) High Temp Option
6) No active cooling. Min temperature is Ambient 8°C
7) Steam Generator Option

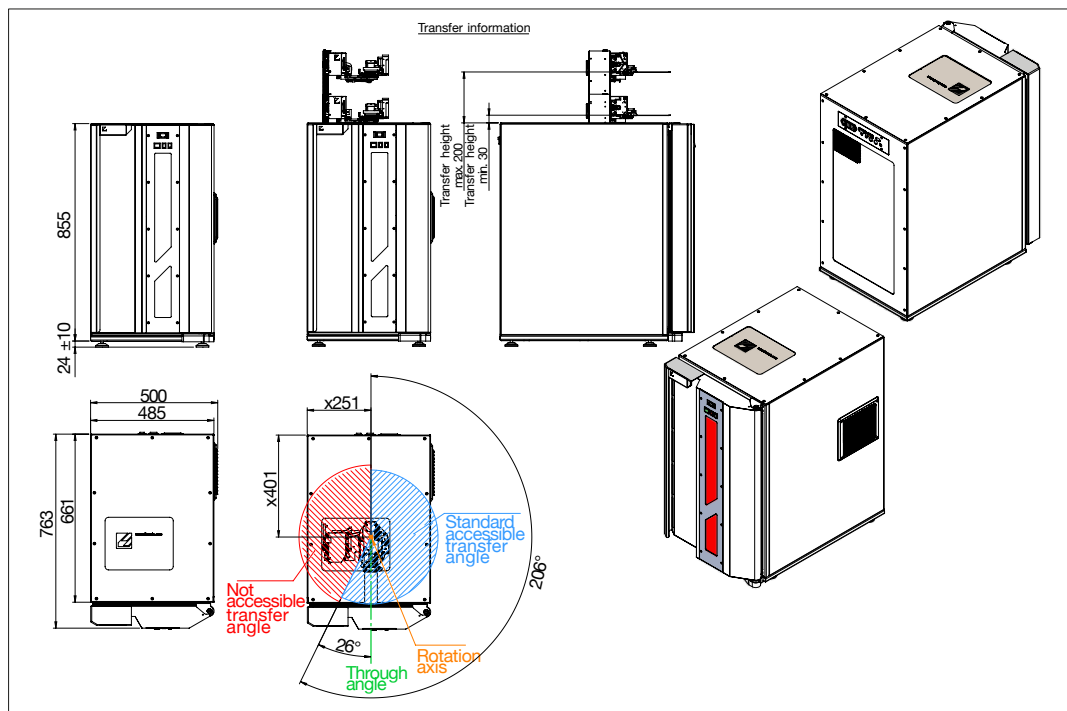
Options

	Order Nr.		Order Nr.
High temperature 70°C capability	9118 11 02	Fast CO2	9118 11 12
Bar Code Reader Option	9118 11 03	Fast N2	9118 11 13
Plate Presence Sensor	9121 00 62	Fast O2	9118 11 14
Plate overweight kit 300-800g	9118 13 83	Additional CO2	9118 11 07
Fast access for time critical applications	9111 10 00	Additional N2	9118 11 11
Liconel self decontaminating incubator chamber	9118 12 44	Various Shaking options	see separate product flyer
N-Way Decontamination	9118 39 03	Wave option incl. controller	see separate product flyer
Steam Injection	9118 11 16		

Like all members of the StoreX family the STR44 can be equipped with various types of further

options and a wide selection of useful accessories.

Dimensions



Capacity

Plate Type	Plate Height	Plate capacity of unit
NTP	5 mm	90
	11 mm	60
	12 mm	56
	17 mm	44
	22 mm	36
	23 mm	34
	24 mm	34
	27 mm	30
DWP	44 mm	20
	53 mm	16
DiTi200	66 mm	14
DiTi1000	104 mm	8