

STC7k5

Description

The STC7k5-ULT is based on the new Liconic trolley design. The STC7k5-ULT is the most reliable and compact -80°C store in its class. It utilises the Liconic chest freezer principle which provides excellent energy efficiency and climate homogeneity. The STC7k5 is by far the market's most efficient -80°C store.

The STC7k5-ULT store incorporates an interface unit that holds an IO-Buffer and the tube selection device. Samples can be loaded either manually into the IO-Buffer or through an integrated liquid handling platform. In all cases samples pass through the interface unit and are then transferred into the -80°C storage chamber. This ensures maximum climate stability of the long-term storage compartment.

The user friendly software incorporates an intuitive and extremely simple to use operator interface. The system is connected to the network and may therefore be accessed remotely.

STC7k5-ULT for following Applications

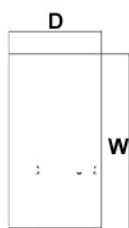
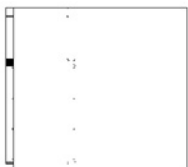
- DNA/RNA
- Proteins
- Cells
- Serum
- Plasma
- Bacteria
- Sensible bio-liquids.



YOUR Benefits

- Temperature stability → Highest Sample Quality
- Trolley System → High Density with small footprint
- Stainless Cassettes → Combination of all Tube Formates
- Chest freezer principle → Low Energy Costs
- 2D- and Barcode Function → Only passive parts in -80°C
- Proven technical Components → 100% Sample Tracking and Integrity
- Redundant and Backup Cooling → Reliable and robust System
- → Highest Sample Guarantee

Dimensions



Width (W)	3470 mm
Depth (D)	1760 mm
Height (H)	3100 mm

Capacity

Plate type	Plate Height	Pitch	Levels	Racks	Tubes
REMP384	17 mm	23	54	7560	2.903.040
REMP96-300	22 mm	28	44	6160	591.360
Abgene 0.3ml / Matrix 0.5 ml	24 mm	30	41	5740	551.040
Micronic 0,5 ml SrewTop	30 mm	36	34	4760	456.960
Abgene Twist-Lock 0.5ml	36 mm	42	29	4060	389.760
Matrix 0.75ml	38 mm	44	28	3920	376.320
Matrix 0,5 ml Srew Top	41 mm	47	26	3640	349.440
REMP96-900	44 mm	50	25	3500	336.000
Miconic 1.1ml SrewTop	48 mm	54	23	3220	309.120
Abgene 1.2ml	51 mm	57	22	3080	295.680
Abgene Twist-Lock 1.0ml	52 mm	58	21	2940	282.240
Matrix 1,0 ml Srew Top	54 mm	60	20	2800	268.800
Micronic 1,4 ml SrewTop	55 mm	61	20	2800	268.800

Specifications

Temperature	-85°..0°
Rack Format	SBS
Handling	Single Rack
Rack Access Time	< 35s
Communication	RS-232
Protocol	STX
Drivers	Win2K, Win32, WinXP, Vista, LINUX
Prower Requirements	400V / 50Hz
Power Consumption	50kW max. 3kW typ.