

ICECUBE 14S

Computer-controlled freezing system

- Independent RISC microcontroller
- Data collection and subsequent processing carried out by an attached PC
- 12" touch colour monitor with fingertip text and graphical input
- Hinged transparent glass chamber lid with safety switch
- Gas turbulence via turbine fan
- Thermo fuse overheating protection
- Variable start temperature, pause, jump function

: Technical data

Freezing chamber dimensions:

217 x 217 x 348 mm (L x W x H)

Chamber volume: 16.4 l, stainless steel

Temperature range: +40°C to -180°C

Freezing rates: 0.01 - 60°C/min.

Heating rates: 0.01 - 15°C/min.

Display accuracy: 0.01°C

Capacity: 900 x 0.25 cc or 0.5 cc straws

Heating element: 750 W

Outer dimensions: 540 x 420 x 520 mm (L x W x H)

Weight: ~ 29 kg

Power supply: 110 V / 11 A or 220 V / 5.5 A

: Accessories

Pressure container for liquid nitrogen, with manometer, safety valves, liquid and gas phase withdrawal

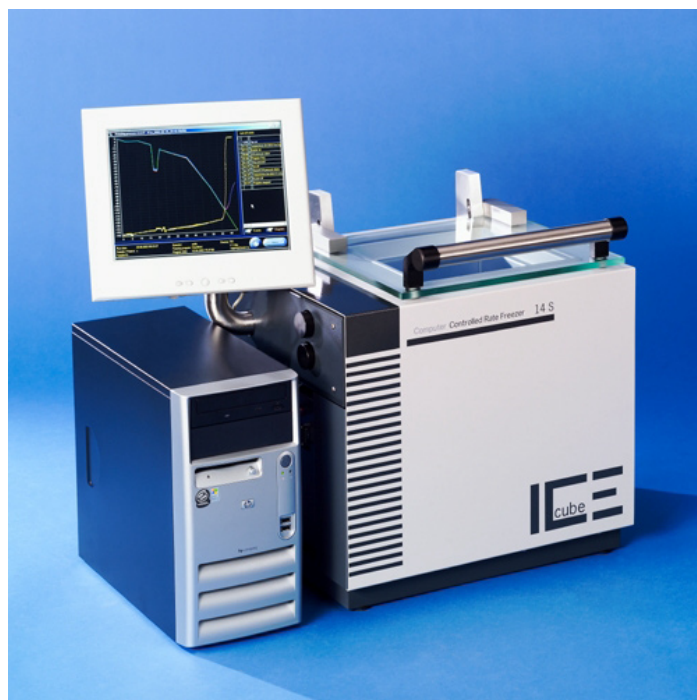
PC for IceCube 14S, without monitor

Handling rack with 2 thread bars for IceCube 14S

Freezing rack for 36 x 0.25/05 cc straws

Gripping pliers for insertion and withdrawal of IceCube racks, made of stainless steel

Spacer for flattening the freezing chamber in case of freezing small amounts of straws



IceCube 14S-A, without monitor/PC, 220 V	REF.	: 16821/1000
IceCube 14S-A, without monitor/PC, 110 V	REF.	: 16821/1001
IceCube 14S-B, with monitor, without PC, 220 V	REF.	: 16821/2000
IceCube 14S-B, with monitor, without PC, 110 V	REF.	: 16821/2001
PC for IceCube 14S	REF.	: 16821/5010
Freezing rack for 36 x 0.25/0.5 cc straws	REF.	: 16821/5036
Loading device for rack 16821/5036	REF.	: 16821/5037
Handling rack for IceCube 14S	REF.	: 16821/5030
Gripping pliers	REF.	: 16821/5031
Spacer	REF.	: 16821/5018
Automatic seeding for 0.5 cc straws	REF.	: 16821/5020
Automatic seeding for 0.25 cc straws	REF.	: 16821/5021

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