

# VirTis BenchTop

Shell Bath Freezer



# BenchTop Shell Bath

## Performance Specifications

Item	XL
Lowest Bath Temperature (°C)	-70
Number of Compressors	1
Compressor Horsepower	3/8
System Refrigerant	V70C

**Note:** Performance specifications are based on SP Scientific test data from units with no load operating at 60 Hz at an ambient room temperature of approximately 20 °C.

## Dimensional Data

Width (in / cm)	12.5 / 31.9
Depth (in / cm)	21.0 / 53.3
Height (in / cm)	21.5 / 54.6
Approximate Weight (lb / kg)	131.0 / 59.4
Minimum Clearance on All Sides (in / cm)	10.0 / 25.4

## Key Features

- Conical or cylindrical shell freezing capability.
- Automatic flask rotation with motor-driven rollers.
- Microprocessor-based controller with digital temperature readout and countdown timer.
- Temperature conversion between Celsius and Fahrenheit.

## Maximum Flask Capacity

40 mL Flasks	Up to Four (4)
75 mL Flasks	Up to Four (4)
150 mL Flasks	Up to Four (4)
300 mL Flasks	Up to Two (2)
600 mL Flasks	Up to Two (2)
1200 mL Flasks	Up to Two (2)

## Electrical Requirements

	100/115	200/240	208/230
Voltage (VAC)	100/115	200/240	208/230
Hertz	50/60	50	60
Phase	1	1	1
Breaker Amperage	15	10	10
NEMA Receptacle*	5-15R	6-15R	6-15R

\*Receptacle configuration for 50 Hz units varies by country.

## Additional Information

Bath Construction	Stainless Steel
Condenser Type	Internal Coil
Refrigerant Type	CFC Free
Recommended Process Fluid	Methanol or Ethanol



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