



Pinnacle
SCIENTIFIC AND MEDICAL EQUIPMENT

Pinnacle's -86°C Ultra Low Temperature (ULT) Upright Freezer

DUAL COOLING SYSTEM

Pinnacle Scientific's Ultra Low Temperature Freezers are proudly designed in Australia. Some of the key features include a 10-inch touch screen (7-inch touch screen for ULT 100 Litre). Pinnacle Scientific's Dual Guard technology has been designed to offer the highest levels of performance and reliability while maintaining low energy consumption. Pairing Pinnacle Scientific's Dual Guard technology with superior VIP insulation and an advanced temperature control system gives the user peace of mind that stored products are kept at the optimal temperature.

Designed to maintain temperatures as low as -86°C ensures optimal preservation of delicate biological specimens, including enzymes, viruses, cells, and tissues.

The Pinnacle Ultra Low Freezer is the ideal choice for laboratories, research facilities and all cold chain applications.



FEATURES:

- Superior insulation for maximum energy efficiency
- Advanced cooling system for fast temperature recovery after door opening
- Lockable door for secure storage
- Easy-to-use touchscreen interface for temperature monitoring and control
- Remote monitoring and alarm system for added peace of mind.
- Robust and durable construction for long-term use and minimal maintenance.



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Technical Data for Pinnacle - 86C ULT Upright freezer 100 L Under Bench

Model		PF-UP-86-100	
Main specifications	Structural	Upright	
	Temperature range (°C)	-40--86	
	Max. ambient temperature (°C)	32	
	Capacity(L)	100	
	Exterior dimensions WxDxH (mm)	760x680x818	
	Interior dimensions WxDxH (mm)	340x460x630	
	Weight(KG)	97	
	Insulation (mm)	85	
	Cooling technology	Dual Cooling System (Static)	
	Power (Watt)	500	
	Alarm functions	Alarm display	yes
		Visual / acoustic alarm	yes/yes
Power failure alarm		yes	
Adjustable high / low temperature alarm		yes/yes	
Open door alarm		yes	
Probe failure alarm		yes	
Low battery alarm		yes	
Condenser overheating alarm		Yes	
Ambient temperature alarm		Yes	
Battery backup for alarms (approx. hrs.)		72	
Data logging & external connection	USB port for data download	no	
	Remote alarm	yes	
	RS 485 port	yes	
Display features	Display type	7" touch screen	
	Password protection	yes	
Other features	Vacuum release port	no	
	Access port for external probe	1	
	Condenser filter	yes	
	Lock with key	yes	
	Can add a padlock	yes	
	Removable inner doors(pcs)	2 - optional 4	
	Adjustable shelves (pcs)	1	
	Max. load per shelf (kg)	50	
	Total capacity of rack(3x5)	4	
	Total capacity of cryobox(2 inches)	60	
Refrigeration & cabinet	Number of compressors	1 Variable speed	
	Refrigerant	Mixed refrigerant	
	Interior cabinet material	Stainless steel	
	Exterior cabinet material	"Galvanized steel+Power spraying "	
	Insulation material	polyurethane	
	Foam type	LBA (Honeywell)	
	VIP vacuum insulated panels	yes	