

Scanvac Laboratory Freeze Dryers



A complete range of research and laboratory freeze dryers from 4 to 15L volumes and covering temperatures from –55 to –110°C. A seamless condenser with external cooling coil avoids the needs for gaskets or seals preventing leaks, whilst providing an unrestricted large surface area for ice formation and ensuring that cleaning and de-icing is easy, quick and efficient.

Basic: digital read-out of temperature. Included are hose and flange for connections to the vacuum pump and the vacuum solenoid valve, which is controlled from the front of the freeze dryer.

Touch: for manual and automatic operation, with optimum control and regulation of temperature, pressure and time. Included are vacuum hose and flange connection to the pump. All operations are controlled from the touchscreen display.

Superior Touch XS & XL: as described for Touch with the additional facility of pre-freezing. The XS and XL versions are inclusive of a 3 electrical heated shelf rack for pre-freezing.

Superior Touch: as described for Touch with the additional facility of pre-freezing. Floor-standing.

- Vacuum solenoid valve
- Pressure regulation valve for primary drying
- Vacuum release valve
- Electrical de-icing
- Software backup

	Basic	Touch	Superior Touch XS/XL	Superior Touch
-55°C, 4L	FRE4500	FRE4540	—	—
-55°C, 9L	FRE4504	FRE4544	—	—
-55°C, 15L	—	FRE4548	—	—
-55°C, 80L	—	—	—	FRE4582
-95°C, 15L	—	FRE4550	FRE4554	—
-95°C, 80L	—	—	—	FRE4584
-100°C, 9L	—	FRE4546	FRE4552	—
-110°C, 4L	FRE4502	FRE4542	—	—
Electrical De-Ice	N	Standard	Standard	Standard
Pressure Regulation	N	Standard	Standard	Standard
PC Control Software	N	Standard	Standard	Standard
Release Function	N	Standard	Standard	Standard

Some of freeze dryers can be supplied with Teflon coated condensers to help protect against aggressive acids. Installation is also available for a set fee, please contact SLS for further information.



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YEAR

STEP 1 – Temperature and Model

Choose between –55°C, –95°C, –100°C and –110°C.

Based on condenser temperature preference select most suitable model.

Code	Alt Ref	Description	Price
FRE4500	7.001.000.060	Basic 55-4	£4976.00
FRE4540	700047	Touch 55-4	£8418.00
FRE4502	7.001.000.115	Basic 110-4	£6184.00
FRE4542	700049	Touch 110-4	£9624.00
FRE4504	7.001.000.055	Basic 55-9	£5261.00
FRE4544	700051	Touch 55-9	£8546.00
FRE4546	700053	Touch 100-9	£11974.00
FRE4548	700055	Touch 55-15	£10699.00
FRE4550	700057	Touch 99-15	£13572.00
FRE4552	700059	Superior XS	£20092.00
FRE4554	700061	Superior XL	£22463.00
FRE4582	700063	Superior Touch 55-80	£43335.00
FRE4584	700064	Superior Touch 95-80	£48862.00