

Freeze dryers, Lablyo range

The Lablyo range has been designed for a wide range of freeze drying applications in the laboratory.

Mini Lablyo

This is the smallest bench top freeze dryer in this range. Having an ice capacity of 3kg, it also represents excellent value. Taking up minimal bench space, the Mini Lablyo is ideal for all common freeze drying applications and is also useful as a cold trap for single or multiple units. The temperature is shown on a digital display and the top flange accommodates all accessories from the range.

Lablyo

This is a simple to use, bench top freeze drier with new touch screen controls. Data logging and display of the temperature and vacuum is shown on a real time graph. Data is downloadable via a USB port. The 20cm diameter x 35cm deep ice condenser has a 5kg ice capacity, (3kg ice collection in 24 hours). The Lablyo incorporates an electric defrost facility and the top flange accommodates all accessories from the range

Lablyo Plus

This unique bench top freeze dryer has all the features of the Lablyo with touch screen controls and also incorporates a built-in temperature controllable work chamber. Four floating temperature probes allow the load temperatures to be monitored. The Lablyo Plus has a 5kg ice capacity, (3kg ice collection per 24 hours).

LabLyO Ultra

This floor standing freeze drier has new touch screen controls. Data logging and display of the temperature and vacuum is shown on real time graph. Data is downloadable via a USB port. The 27cm diameter x 50cm deep ice condenser chamber has a 10kg ice capacity (6kg ice collection in 24 hours). The condenser temperature is -55°C and a mobile temperature probe for product sampling is included.

Technical Specifications

Model Code	Mini Lablyo FIT/LYO/46/1	Lablyo FIT/LYO/49/1	Lablyo Plus FIT/LYO/53/1	Lablyo Ultra FIT/LYO/56/1
Compressor	0.5HP	0.66HP	0.66HP	0.5HP
Ice Capacity	3kg	5kg	5kg	10kg
Heat Extraction Rate (-40°C)	80W	170W	220W	350W
Minimum Temp. (°C)	-55	-55	-55	-55
Chamber Dimensions				
Dia.xDepth (mm)	200x130	200x250	200x220	270x500
Overall Dimensions				
HxWxD (mm)	420x565x560	500x585x630	500x900x630	930x465x620

Cat. No.	Code	Description
FD/85002	FIT/LYO/46/1	Mini Lablyo freeze dryer
FD/85004	FIT/LYO/49/1	Lablyo freeze dryer
FD/85006	FIT/LYO/53/1	Lablyo Plus freeze dryer
FD/85008	FIT/LYO/56/1	Lablyo Ultra freeze dryer

Accessories

FD/85010	FIT/LYO/01/0	Acrylic drying chamber, 300 x 400mm (od x h)
FD/85012	FIT/LYO/03/0	Anodized aluminium 6-shelf unit, 250mm dia. For acrylic chamber
FD/85014	FIT/LYO/6/0	8-port flask manifold lid
FD/85048	FIT/LYO/43/0	8x3/4 inch quick seal valves (sold singularly, 8 required to make a set and the unit operational)
FD/85016	FIT/LYO/09/0	Cold trap lid with hose for solvent recovery or vacuum pump protection
FD/85018	FIT/LYO/12/0	Drying chamber plain lid, 310mm dia x 20mm thickness
FD/85026	FIT/LYO/13/0	8-port column manifold
FD/85028	FIT/LYO/16/0	16-port column manifold
FD/85030	FIT/LYO/19/0	6 temperature-controlled shelves with controller
FD/85032	FIT/LYO/22/0	Stoppering shelf arrangement
FD/85034	FIT/LYO/25/0	48-port ampoule manifold and Acrylic lid with fitting and clamp
FD/85042	FIT/LYO/37/0	1m vacuum hose and clamp to fit Lyotrap, plus KF25 hose for vacuum pump
FD/85044	FIT/LYO/40/0	L-section rubber gaskets for drying chamber, (Pack of 2)
FD/85046	FIT/LYO/59/0	Vacuum pump with oil mist filter



FD/85002



FD/85006



FD/85026