50 - 500ml Volume Filtering Units

Ready-to-use, presterilised units which only require connection to a vacuum source to quickly and conveniently filter volumes up to the capacities of their filtrate flasks (115ml for Sartolab V115, 150ml for Sartolab-V150 and 500ml for Sartolab-V500). The plug-on hose nipple is stepped for ease of connection of tubing and to accept tubing of various diameters. Protective cotton wool in the spout/hose nipple avoids re-contamination of the sterile filtrate on breaking vacuum. The two larger units have removable flasks which can be closed for storage with the sterile caps supplied with these units. The cellulose acetate membranes are the filters of choice for tissue culture solutions. They combine high flow rates with proven low protein adsorption and are free of cytotoxic effects.

Specifications for Sartolab V115, V150 and V500 units

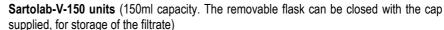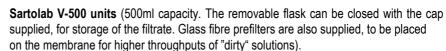|	
Capacity	Funnel and flask, 115 ml, 150 ml or 500 ml
Extractables	All materials pass USP Plastics Test
Filter	50 mm diameter, 0.2 µm or 0.45 µm pore size membrane which shows no inhibition with MRC-5 or L-929 cells
Flow rates	Typical values for water at 90% vacuum, 200 ml/min for 0.2 µm units, 600 ml/min for 0.45 µm units
Materials	Polystyrene except for cellulose acetate membrane filter, polyethylene hose nipple and cotton wool air filter. A glass fibre prefilter is additionally supplied with Sartolab-V500 Pressure limit Vacuum only Sterilisation Supplied presterilised by gamma-radiation
Pressure limit	Vacuum only
Sterilisation	Supplied presterilised by gamma-radiation

Order Numbers for Sartolab-V-115 units (115ml capacity. Flask not removable, has a tube in the vacuum connector for easy clean pour-out of filtrate)

F290/V115   with 0.2 µm filter (pack of 10)
F291/V115   with 0.45 µm filter (pack of 10)

Sartolab-V-150 units (150ml capacity. The removable flask can be closed with the cap supplied, for storage of the filtrate)

F290/V150   with 0.2 µm filter (pack of 12)
F291/V150   with 0.45 µm filter (pack of 12)

Sartolab V-500 units (500ml capacity. The removable flask can be closed with the cap supplied, for storage of the filtrate. Glass fibre prefilters are also supplied, to be placed on the membrane for higher throughputs of "dirty" solutions).

F290/V500   with 0.2 µm filter (pack of 12)
F291/V500   with 0.45 µm filter (pack of 12)

V150

V500