

Filtration

Filter microplates, Unifilter®

Whatman®

Convenient, ready to use filtration devices in 96-well microplate format. Available in a choice of well capacities, 350µl, 800µl and 2000µl. Each well has a filter individually sealed into the base, below which runs a unique drip director to accurately deliver the filtrate into the receiving well of an accessory microplate positioned underneath, with no splashing or cross contamination. A wide range of filter media are offered to allow compatibility with a variety of sample types. Plates are manufactured in polystyrene (PS) for general use with biological samples or glass-filled polypropylene (GPP) for long term organic solvent exposure. The 350µl plates are mainly used for high throughput biological assay screening applications, protein kinase assays, receptor binding assays and cell immobilisation. 800µl and 2000µl filtration plates are used for high throughput screening sample preparation and clean up. Typical applications include cell-based immunoassay, nucleic acid isolation, sterile filtration of biological samples and compound library generation using parallel synthesis procedures. Supplied in pack quantities as indicated.

Cat. No.	Ref. 7700-	Plate material* -colour	Media*	Drip director type	Pack qty
Unifilter 350, well volume: 350µl					
FC410-44	3301	PS-white	GF/C (hydrophobic)	Short	50
Unifilter 800, well volume: 800µl					
FC411-03	2803	PS-clear	GF/B	Long	25
FC411-06	2801	PS-clear	GF/C	Long	25
FC411-15	2810	PS-clear	GF/F	Long	25
FC411-19	2808	PS-clear	CA 0.45µm	Long	25
Unifilter 2000, well volume: 2000µl					
FC412-20	7211	GPP	GF/D	Long	25

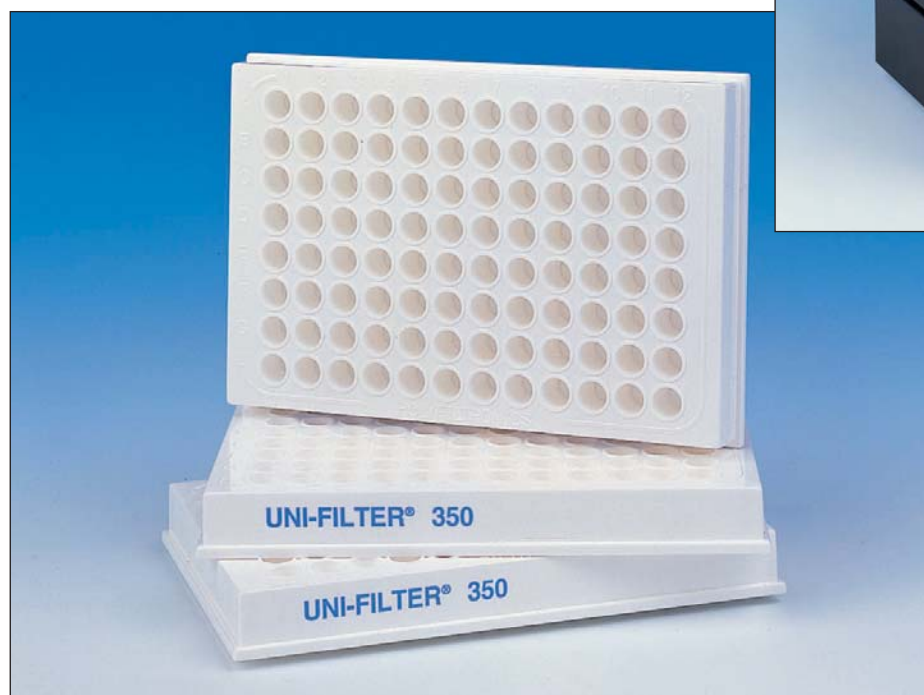
*Material/media key:

CA: Cellulose acetate GPP: Glass filled polypropylene
GF/-: Glass microfibre PS: Polystyrene

Accessory Vacuum manifold, UniVac 3®

Specially designed for use with Whatman Unifilter microplates for transferring liquid from the filter microplate to the corresponding well of an accessory collection plate for further analysis. Constructed in PTFE-coated aluminium for resistance to most aggressive solutions allowing cleaning/sterilisation by common laboratory methods. With stopcock and gauge for precise and repeatable control of vacuum from an accessory vacuum pump (not supplied) and Vacuum Assist Frame ensuring complete and homogeneous evacuation of all wells.

FC414-60 UniVac 3 Aluminium



FC410



FC414-60 in use