

Filter Membrane

- DRYING OVEN
- LABORATORY INCUBATOR
- MUFFLE FURNACE
- WATER DISTILLER
- WATER BATH & OIL BATH
- HEATING MANTLE
- STIRRER
- MIXER & SHAKER
- HEATING PLATE & SAND BATH
- DIGESTION APPARATUS & METAL BATH
- NITROGEN SAMPLE CONCENTRATOR
- CLEAN BENCH
- STERILIZER
- VACUUM PUMP
- FILTRATION**
- GRINDER
- COLONY COUNTER
- DRYER
- CENTRIFUGE
- ELECTRIC FURNACE
- LIFTING TABLE
- LABORATORY CONSUMABLE

Summary of use:

Main material of Filter Membrane is including mixture of cellulose(MCE), Nylon, polypropylene(PP), Polyether sulfone (PES), PVDF, Polytetrafluoroethylene (PTFE),PC, glass fiber, etc. They are widely used for gravimetric analysis, microanalysis, colloid separation and sterility test.



Mixture of cellulose(MCE)

Uniform pore diameter, pore rate is high, without dielectric loss, quality of a material is thin, small resistance, low cost, but not resistant to strong acid, strong alkali solution. It is suitable to using in the measurement of particles in the solution, oil insoluble and pollution of water quality. Applied to somatic hybridization and line grain of complementary to predict heterosis research and scientific research departments.



Polyether sulfone (PES)

Belongs to the hydrophilic membrane filter, high strength, no extract protein adsorption and without contamination for the sample. It is suitable to using in the biochemical detection, pharmaceutical and aseptic filter.



Polytetrafluoroethylene (PTFE)

Features: Tolerance DMSO, THF, DMF, methylene chloride, chloroform and other solvents. It is suitable to using in most of the organic solution, especially some strong solvents.

DRYING OVEN

How to select the right filter Membrane

LABORATORY INCUBATOR

Features of Your applications

Hydrophilic Filter Membrane
 Hydrophobic Filter Membrane
 Compatible with aqueous samples only
 Compatible with organic and aqueous samples
 Compatible with gaseous samples
 Can handle high temperature liquids <100 °C
 Low protein binding
 Nonspecific binding
 Excellent flow rates
 High throughput loading
 Autoclave by 125°C for 15 minutes

Compatible Filter Membrane Type:

PES, Nylon, MCE, Hydrophilic PTFE or PVDF
 PTFE, Hydrophobic PVDF
 CA, Nylon, or PES
 Hydrophilic PTFE, Nylon, or Hydrophilic PVDF
 MCE, or PTFE
 PES, MCE, or PTFE
 MCE, PES, , Hydrophilic PVDF or Hydrophilic PTFE
 Nylon or PVDF
 MCE, Nylon, PES, PTFE, or PVDF
 Nylon, or PTFE
 Nylon, MCE, PES, PTFE or PVDF

MUFFLE FURNACE

WATER DISTILLER

WATER BATH & OIL BATH

HEATING MANTLE

STIRRER

Diameter and Pore Size

MIXER & SHAKER

Material	Diameter(mm)	Pore Size(um)
PES	13,25,47,50,60	0.1,0.2,0.45,0.8
Nylon		0.1,0.2,0.45,0.8,1,3,5
MCE		0.1,0.2,0.3,0.45,0.65,0.8,1,3,5,8
PTFE(Hydrophobic/Hydrophilic)		0.02,0.1,0.2,0.45,1,3,5
PVDF(Hydrophobic/Hydrophilic)		0.02,0.1,0.2,0.45,1,3,5

HEATING PLATE & SAND BATH

DIGESTION APPARATUS & METAL BATH

NITROGEN SAMPLE CONCENTRATOR

CLEAN BENCH

PTFE Filter Membrane Roll

STERILIZER



VACUUM PUMP

FILTRATION



GRINDER

COLONY COUNTER

DRYER

CENTRIFUGE

ELECTRIC FURNACE

Major Technical Parameters:

LIFTING TABLE

Material	Size	Pore Size(um)
PTFE(Hydrophobic/Hydrophilic)	260mm*4m	0.22,0.45,0.1,1

LABORATORY CONSUMABLE