

Innovative Solution for a Better Life

www.gdpfilter.co.id

GDP Filter

Labs

Labs Device



WE HAVE ALL YOUR LABORATORY NEEDED

Membrane technology for labs scale application :

- Labs Ultrafiltration
- Labs Reverse Osmosis
- Labs Demin System
- Labs Pervaporation
- Labs Contactor
- Labs EDI (Electrodeionization)
- Labs UF Test Kit
- Labs MBR
- Labs Oil Filtration

CV GEDE DARMA PUTRA

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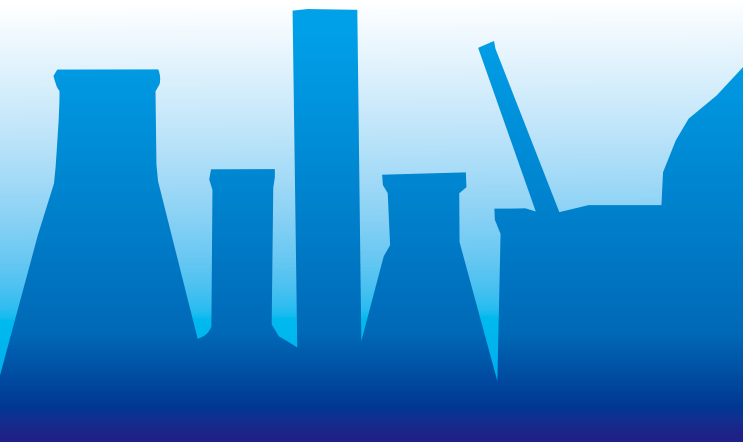
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Labs Ultrafiltration

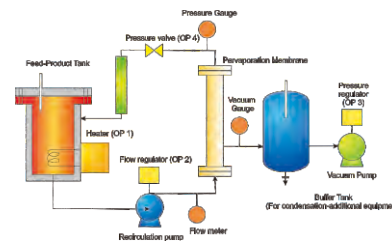
Lab-scale ultrafiltration can be applied for evaluating specific ultrafiltration membrane for specific application, i.e. clarification of waste water, COD removal, and so forth.

Our Labs UF also can be used for labs-scale clarification and disinfection – due to its ability for 99.99% removal of turbidity, colloids, germs, bacteria, and viruses while passing minerals and salts – highly suitable for research in hatchery and culture-growth.



Labs Pervaporation

Labs Pervaporation will help you in observation of performance of pervaporation membrane modules.



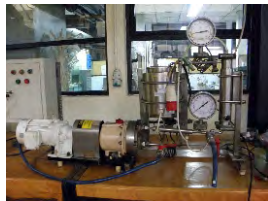
Labs UF Test Kit



Evaluating performance of your self-made ultrafiltration membrane would be possible with Labs UF Test Kit. GDP Filter has simple device for bubble test and performance test for your flat sheet or hollow fiber membrane.

Labs Reverse Osmosis

Labs RO is an ideal simple solution for evaluating RO performance for various kind of feed water. Also available Labs NF and Labs SWRO for high salinity feed water.



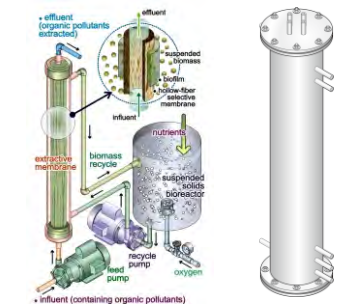
Labs Contactor

Membrane Contactor is considered as interesting topic since it explores the ability of large surface area of membrane for contacting device. Labs Contactor will be great solution for better understanding of contacting phenomenon.



Labs MBR

Combining the well-known activated sludge bio-reactor with our robust ultrafiltration membrane, now you can have a Labs MBR. Available in submerged, side-stream, and ends-free configuration.



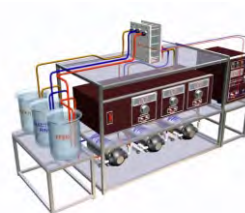
Labs - Demin System

Comprised of ultrafiltration, reverse osmosis, and post-treatment ion exchange resin, Labs Demin system is an ideal simple solution for deionized water supply in your lab.



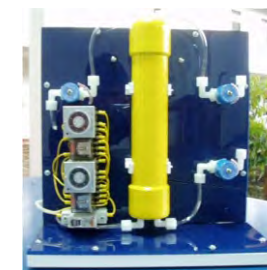
Labs EDI (Electrodeionization)

By means of Labs EDI, you can observe phenomenon of Electrodeionization, a free-chemical-usage technology for water treatment.



Labs Oil Filtration

GDP Filter presents membrane system for oil filtration. Available in ceramic membrane modules or polymeric membrane modules, the system will be designed as your wish for Labs Oil Filtration





Product Specifications

UNIT	REMOVAL							Remineralization	Capacity	Pumps*
	Turbidity	Colloids	Germ	Iron	Trace Organic	Pesticide	Heavy Metal			
U-210	✓	✓	✓	✓	✓	✓	✓	✓	50 liter/hour	1 x 48 W
Green Sand + U-210	✓	✓	✓	✓	✓	✓	✓	✓		
U-210 + Activated Carbon	✓	✓	✓	✓	✓	✓	✓	✓		
Green Sand + U-210 + Activated Carbon	✓	✓	✓	✓	✓	✓	✓	✓		
U-220	✓	✓	✓	✓	✓	✓	✓	✓	80 liter/hour	1 x 48 W
Green Sand + U-220	✓	✓	✓	✓	✓	✓	✓	✓		
U-220 + AC	✓	✓	✓	✓	✓	✓	✓	✓		
Green Sand + U-220 + Activated Carbon	✓	✓	✓	✓	✓	✓	✓	✓		
S-430	✓	✓	✓	✓	✓	✓	✓	✓	250 - 300 liter/hour	2 x 125 W
Green Sand + S-430	✓	✓	✓	✓	✓	✓	✓	✓	1 x 250 W (+) 1 x 125 W	
S-630	✓	✓	✓	✓	✓	✓	✓	✓	700 - 1200 liter/hour	1 x 250 W (+) 1 x 125 W
Green Sand + S-630	✓	✓	✓	✓	✓	✓	✓	✓	1 x 250 W (+) 2 x 125 W	
Mini RO Refill	✓	✓	✓	✓	✓	✓	✓	✓	30 - 50 liter/hour	1 x 75 W
Mini RO Refill + Bio-Ceramic	✓	✓	✓	✓	✓	✓	✓	✓		
IMS Mini	✓	✓	✓	✓	✓	✓	✓	✓	20 - 30 liter/hour	1 x 48 W
IMS Mini + Bio-Ceramic	✓	✓	✓	✓	✓	✓	✓	✓		
IMS	✓	✓	✓	✓	✓	✓	✓	✓	70 - 100 liter/hour	2 x 75 W
IMS + Bio-Ceramic	✓	✓	✓	✓	✓	✓	✓	✓		
IGW Pump	✓	✓	✓	✓	✓	✓	✓	✓	200 ml/stroke	
Emergency UF	✓	✓	✓	✓	✓	✓	✓	✓	500 - 1000 liter/hour	

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Ultrafiltration

Our self-manufacture ultrafiltration membranes modules has been widely used and highly-recognized in various industries. Now GDP Filter proudly presents residential ultrafiltration modules to bring fresh water to your home.

Ultrafiltration removes 99.99% of turbidity, colloids, germs, bacteria, and viruses while operating in relatively low pressure. Additional activated carbon eliminate trace organics and odour, while ion-exchange resin will suit help when the water has excessive amount of iron.



U-210 + Carbon Active



Green Sand + U-210 + Resin



Green Sand + U-220 + Resin



S-430



S-630

Reverse Osmosis

Addressing the problem of contamination of water source, GDP Filter designs residential water treatment package with RO technology for complete removal of contaminants, bringing pure water to your home. With the concept of direct flow, our system ensure no recontamination due to tank storage system.

Mini-RO Refill

Mini-RO Refill is an answer for simple refill system for your 5-gallon water container.



Mini-RO Refill

Integrated Membrane System

Combining ultrafiltration, activated carbon and RO, IMS become highly reliable yet durable in providing you fresh and pure water. Additional bio-ceramic serve as remineralization system for the pure water, provides minerals for your daily needs.



IMS Mini



IMS



Emergency System

GDP Filter presents special products of uniquely designed ultrafiltration membrane for producing clean or even drinking water without electricity. Very suitable for emergency cases and outdoor activities.



IGW Pump



Emergency UF (S-660)



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GDP Filter

Parts

Spare Parts



Good Quality★
Good Price★

RO Module
Non-Modular UF
FRP Pressure Vessel
Hollow Fiber Membrane
High Pressure Seawater Pump

CV GEDE DARMA PUTRA

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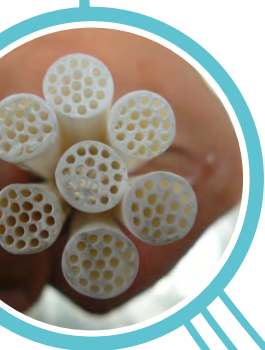
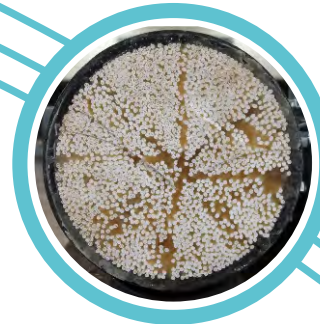
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UF Component

Our self-manufacture ultrafiltration membranes are key factor of our high quality and cost-effective modules. Robust yet highly selective, our ultrafiltration modules will suit your demand for reliable modules.



Since 2009, we have started manufacturing of our unique multi-bores capillary membranes and incorporating them into our revolutionary non-modular system.



Non-Modular UF

UF S-Type Module



S-210 Module



S-220 Module



S-430 Module (1 bore / 7 bores)



S-630 Module (1 bore / 7 bores)



S-640 Module (1 bore / 7 bores)

UF U-Type Module



U-210 Module



U-220 Module

RO & NF Component

RO & NF Module (CSM)

Since 2010, GDP Filter has formed partnership with Woongjin Chemical Co Ltd. as sole agent of CSM products in Indonesia.

CSM products, manufactured by Woongjin Chemical Co Ltd, are innovative and cost-effective reverse osmosis and nanofiltration membranes serving the municipal, industrial and residential markets.



RO Housing (FRP Vessel)



GDP Filter proudly present our self-manufactured FRP vessels for RO housing. Incorporating high standards of production plus quality control tests for each of the vessel, our FRP vessels will serve your demand for global quality with local price RO housing.

RO Housing Accessories



Dop



Thrust Cone



Clamp



Snap Ring



Saddle

Ceramic Membrane



In some application of extreme condition, i.e. high temperature, excessive fouling, solvent/oil filtration, etc, ceramic membrane will be highly suitable. GDP Filter provides you reliable and durable ceramic membrane.

Pump

WULI Pump

Seawater High Pressure Pump

GDP Filter teams up with WULI Agriculture Machine Co. Ltd., a leading manufacturer of High-Pressure Pump and related accessories in Taiwan with more than 35 years, in order to supply excellent quality high-pressure pump for seawater desalination system.



High Pressure Seawater Pump
(2000 psi / 80 bar)

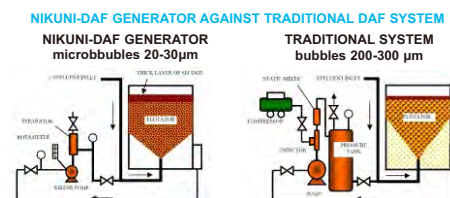


High Pressure Pump
(1000~1500 psi)

Nikuni DAF Pump

Micro-Bubble Flotation Pumps

GDP Filter teams up with Nikuni Co. Ltd., a leading manufacturer of Micro-Bubble Generator, an unique pump that can produced micro-bubble without additional compressor or pressure tank. Simple, powerful, and reliable answer for your DAF & Ozone System.



NIKUNI-DAF pumps offers unique, patented system of generating highly saturated dissolved air, where micro air bubbles are of the size 20-30 µm (traditional system generates bubbles 200-300 µm). The flotation efficiency getting higher the smaller bubbles are generated.