

蛋白质分离器

PROTEIN FRACTIONATOR

NPS

- Protein skimmer is an important equipment for sea water circulation system. In the water recirculating aqua culture or aquarium project, aquatic organism discharge a lot of waste or other organic impurities. To remove these impurities, we need to clean the water. But generally filters will be blocked. So we design high efficient removal impurities equipment-Protein Skimmer.
- Protein Skimmer is applied for circulating water treatment, aquarium, lobster, and abalone farm etc.
- 海水蛋白质分离器是一种应用于海水循环水维生系统的重要设备。在海水循环水养殖（高密度水产养殖）或海洋馆工程中，水生生物生活产生了大量的粪便等有机杂质。为了去除这些杂质，我们需要将养殖水循环过滤。但一般的过滤器容易堵塞。为了防止这种耗费人工的工序，我们发明了不会堵塞而又能高效去除污物的设备——蛋白质分离器。
- 蛋白质分离器应用于循环水养殖场, 工厂化水产养殖场, 海洋馆, 水族馆, 循环水育苗场, 高规格的石斑鱼, 龙虾, 鲍鱼养殖场等。



技术参数

Technical Parameters

型号 Model	缸体直径 Filter Diameter (mm)	缸体高度 Filter Height (mm)	处理量 Flow Rate (m³/h)	滞水时间 Process Retention Time (min)	进/出水口径 In/Outlet (mm)	泡沫排污口 Waste (mm)	文丘里数量 Venturi Qty (pcs)	水泵功率 Pump Power (kw)
NPS400	400	2500	10/7.5	1.5/2	63/90	50	1078*1	0.75
NPS600	400	2700	22/16	1.5/2	90/110	50	1584*1	1.1
NPS800	800	3100	45/34	1.5/2	90/110	50	1584*1	1.5
NPS900	900	3100	55/42	1.5/2	90/140	50	2081	2.2
NPS1000	1000	3600	85/65	1.5/2	110/160	63	1584*2	1.1*2
NPS1200	1200	3600	120/94	1.5/2	160/200	63	2081*2	1.5*2
NPS1400	1400	3800	180/130	1.5/2	200/250	75	2081*2	2.2*2
NPS1600	1600	3800	240/180	1.5/2	250/300	75	2081*3	1.5*3
NPS1800	1800	4000	320/240	1.5/2	250/300	90	2081*3	2.2*3
NPS2000	2000	4000	400/300	1.5/2	200*2/250*2	90	3090*2	7.5*2

产品细节

Product Details



Sewage outlet
排污口



Water inlet flange
入水口法兰

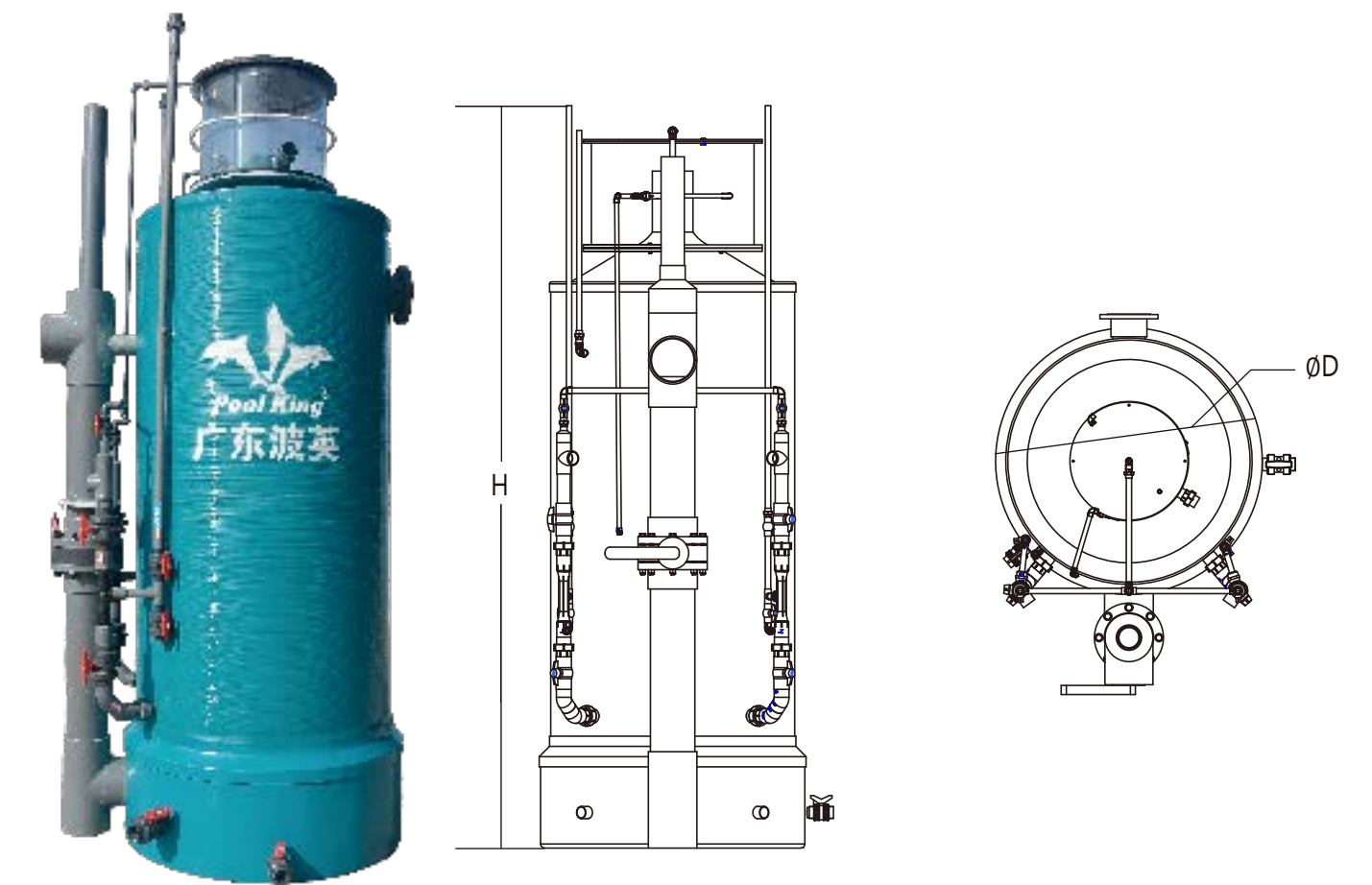


Bubble collection cup
泡沫收集杯



Butterfly valve
蝶阀

产品工程图
Product Engineering Drawing



型号 Model	NPS400	NPS600	NPS800	NPS900	NPS1000	NPS1200	NPS1400	NPS1600	NPS1800	NPS2000
H(mm)	2500	2700	3100	3100	3600	3600	3800	3800	4000	4000
ØD(mm)	400	600	800	900	1000	1200	1400	1600	1800	2000



NPE



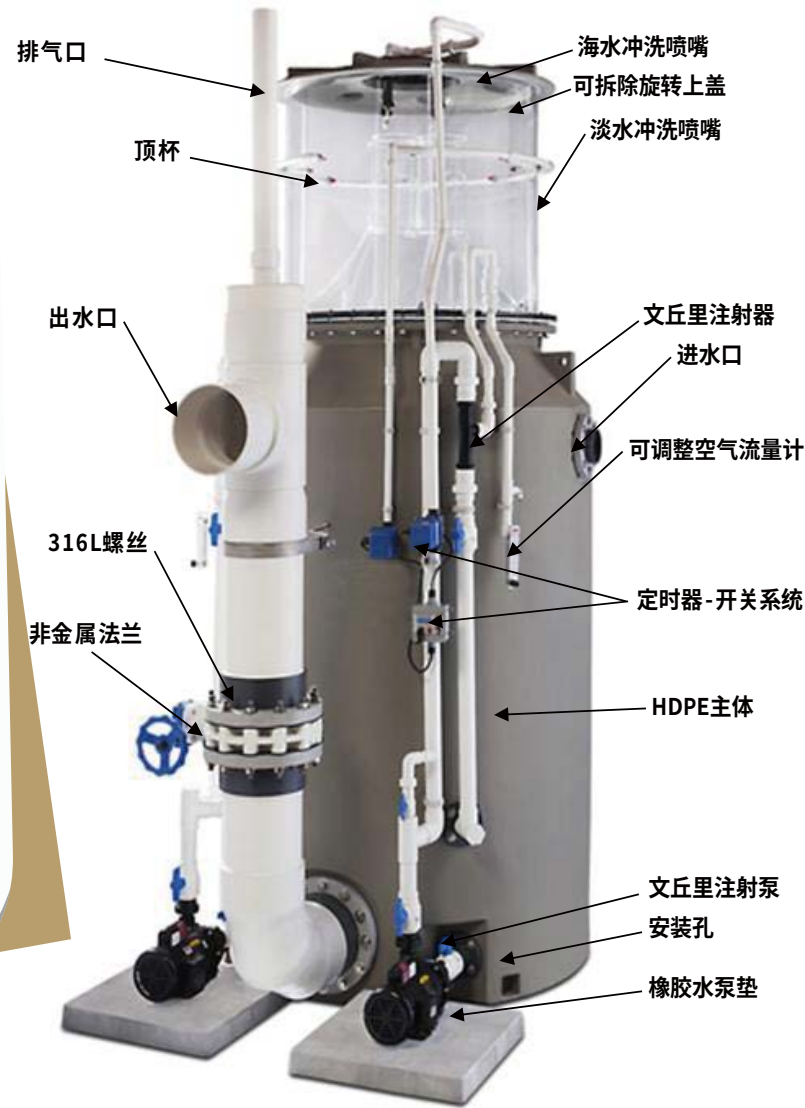
淡水蛋白分离器



海水蛋白分离器

- 缸体采用HDPE滚塑成型，防UV耐腐蚀，使用寿命长。自成一体化系统，无需额外组装，并有冲洗功能。缸体采用大容量设计，配置触屏控制面板，整体操作简单，高效耐用，能有效节省运维成本，带来更高的经济效益，适应淡水、海水环境使用。
- The skimmer body is made of HDPE rotational molding, which is UV and corrosion resistant with durable service life. Self-contained integrated system without additional assembly has a flushing function. The skimmer body adopts a large-capacity design and is equipped with a touch-screen control panel. The operation is simple, efficient and durable, which can effectively save operation and maintenance costs, bring higher economic benefits. Protein skimmer applies to fresh water and seawater.

- 一体化系统，无需额外组装；
- 适应淡水、海水环境，并有冲洗功能；
- 触屏控制面板，操作简单、高效；
- HDPE (高密度聚乙烯) 滚塑成型，防UV防腐蚀；
- 可选国际PN16或美标sch80UPVC的管道和球阀；
- 大容量设计，确保水体滞留时间2分钟以上；
- 超高的空气/水比率，高效排除杂物污物；
- 可调整空气流量及防虹吸的臭氧进水口设计；
- 可拆除顶杯上盖设计，维护便利；
- 出水管配置蝴蝶阀设计，可控缸内水位高度及流量；
- 顶盖设有伸缩海水专用喷射头。
- Integrated system without additional assembly;
- Apply to fresh water and sea water environment, and have flushing function;
- Touch screen control panel, simple and efficient operation;
- HDPE (high-density polyethylene) rotational molding, anti-UV and anti-corrosion;
- Option for international PN16 or American standard sch80UPVC pipes and ball valves;
- Large-capacity body design ensures internal water to stay for more than 2 minutes;
- Ultra-high air/water ratio, efficient removal of debris and dirt;
- Adjustable air flow and anti-siphon ozone water inlet design;
- The top cover can be removed for convenient maintenance;
- The outlet pipe is equipped with a butterfly valve design, which can control the height and flow of the water level in the tank;
- The top cover is equipped with a telescopic jet.



技术参数

Technical Parameters

型号 Model	设计流量(留滞时间 Max Flow (m³/h)		底部直径 Diameter (mm)	主体高度 Body Height (mm)	处理水柱长度 Length of water column (mm)	总高度 Total Height (mm)	总容器 容量 Volume (L)	自带射流泵 Venturi Qty (pcs)	反冲洗/电磁阀数量 Backwash/ Electromagnetic valves(pcs)	进水口 尺寸 Inlet	出水口 尺寸 Outlet
	@2min	@1.5min									
NPE25	7	9	420	1700	1701.8	2134	226	1 X 1.1KW	2 X 50W	Ø50	Ø63
NPE50	14	18	550	1900	1905	2515	452	1 X 1.1KW	2 X 50W	Ø63	Ø90
NPE75	24	32	730	1900	1905	2591	797	1 X 1.5KW	2 X 50W	Ø63	Ø90
NPE150	40	54	950	1900	1905	2565	1350	1 X 1.5KW	2 X 50W	Ø90	Ø110
NPE300	84	112	1350	1950	1955.8	2794	2800	1 X 1.5KW	2 X 50W	2 X Ø90	Ø160
NPE600	166	222	1650	2440	2590.8	3658	5540	2 X 1.5KW	2 X 50W	2 X Ø110	Ø225
NPE1000	282	376	2134	2440	2590.8	3658	9407	4 X 1.5KW	2 X 50W	2 X Ø160	Ø315
NPE2000	344	458	2134	3050	3200.4	4267	11445	4 X 1.5KW	2 X 50W	2 X Ø225	Ø400

