



About MEMS

MEMS is one of the masterpieces of PHILOS, who is the leading company with 20+ years' experience in membrane manufacturing and system design. It is renowned for its capabilities in providing total solutions for various kinds of membrane applications.

MEMS focuses on adopting to customer's mind of work. We have developed our systems which are user friendly and convenient to use. With years of knowledge and experience behind us we are able to offer you the most advanced design and technology in membrane evaluation and manufacturing system. No matter the size, scale, usage or application, all of our customers will benefit from our experts' advice.

MEMS proposal to customers

Carrying many years of experience in R&D, manufacturing and engineering of membranes, we are clearly aware about the reality of what goes inside the lab. We closely understand the challenges of doing an experiment and are well acquainted with the problems of you, researchers in the lab better than anyone else.

Moreover, while working together with researchers, we have observed each one of them closely and have tried to understand the mindset of researchers. We know that convenience in handling device is what matters the most while doing research. We say this because we know very well that many researchers are relying on some sloppy self-made devices in spite of having expensive and perfectly well conditioned equipment just because it is not convenient to operate. Those systems occupy much space in lab, are needed a severe cleaning process and do not fit your purposes to make prototype.

Therefore, after years of experience, observation and realization, we at MEMS made it our mission to provide the most user friendly and convenient equipment to those who want to research and develop membranes. MEMS was born to overcome even the slightest of challenges that faced by researchers but are often shadowed. So at MEMS we have developed "A device that recognizes the researcher's mind" by adopting to user mind of researchers through our years of experience. That is our proposal to you, researchers.



About PHILOS

Established in 2002, PHILOS is a leading membrane manufacturing company in Korea offering varieties of products such as; membrane modules(UF, MF and MBR), membrane systems for separation and concentration, and even membrane evaluation and manufacturing systems(MEMS). It has also been commercializing and distributing portable membrane water purifiers as appropriate technologies to underserved community (www.wellspring.kr). PHILOS is a research-oriented professional company who can offer specified designs and solutions to researchers as far as membrane technology. PHILOS has been recognized as Innobiz certified company by the government of Korea. It also has secured two ISO certification; ISO 9001 and ISO 14001 certifications for specializing in developing parts and materials.



The visionary leader and CEO of PHILOS; Dr. Jeong-Hak Kim, has always challenged and pushed the company's boundary to strive for better and brighter tomorrow. Besides handling the company, Dr. Kim has been also leading and guiding 2500 corporate members of KISTI (Korea Institute of Science and Technology Information) as a chairman. He is also the current vice president of The Membrane Society of Korea, and the Scientists and Engineers Without Borders (SEWB) which shows his dedication, passion, experience and leadership in the field of Science and engineering.



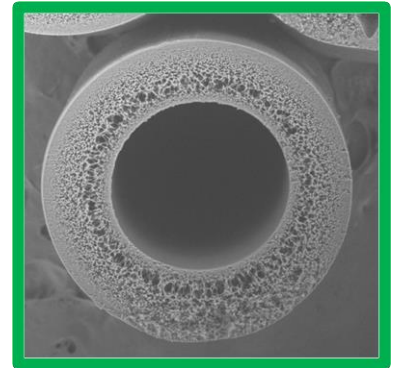
For more inquiries on business of PHILOS, please refer to www.pnbr.co.kr.

Key Strength of PHILOS

PHILOS is the only company in the world that designs, builds, and trades membrane manufacturing facilities, while producing membrane. It also offers the choice of technology transfer (production technology, facility and know-how), too.

PHILOS is a pioneer in satisfying user's convenience as far as membrane evaluation and manufacturing technology.

PHILOS has delivered more than 150 pilot scale membrane manufacturing and production facilities across the globe so far. It holds the world's leading membrane manufacturing ideas after working with diverse consumers and technologies for long periods of time.

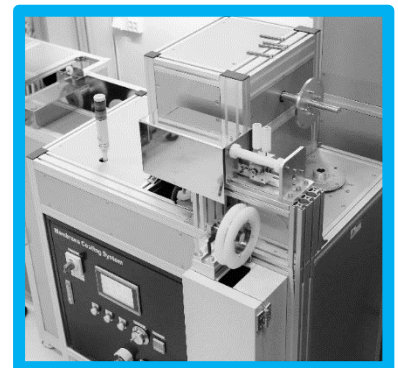


Overseas business

After leaving years of strong footprint in the membrane business, PHILOS has definitely been able to make its place in the international market. Besides offering the cutting edge technology, competitive price and highly valued membrane related products, our international customers are mainly happy and satisfied with us because of our great customer service, technical cooperation, reliability, virtue and punctuality in delivery of products.

PHILOS believes in making its customer's happy and they are happy when their needs are met. So in order to understand our customer's need in depth, we usually communicate via video conferencing, direct phone call or even text through other SNS platforms like WhatsApp or LinkedIn. This smooth customer service and technical conversation helps build trust and a good long lasting relationship with our customers hence making the trade between the overseas customers and PHILOS rarely a one-time deal.

In case of technical service, PHILOS not only facilitates its customers with delivering tested quality products/ equipment but it also assists in easy transport and installation through its compact designs, well packaging and video manuals which will help them to easily overcome any technical difficulty.



Some of our Customers

KAIST(Korea Advanced Institute of Science and Technology)

GIST(Gwangju Institute of Science and Technology) membrane Center

KRICT(Korea Research Institute of Chemical Technology) Membrane Center

Seoul national University, Yonsei University, Korea University,

Hanyang University & many universities

Korea Research Institute of Biotechnology

Coway, Toray, Changhae Ethanol, GS Caltex, SK,

Samsung Refine chemicals and many companies

NRC(National Research Center) in Egypt

Desert Research Center in Egypt, Nile University

NTNU(Norwegian University of Science and Technology) SINTEF

Istanbul Technical University, MEMTEK

UTM(University Technology Malaysia) Membrane Center

KAUST in Saudi Arabia, KISR in Kuwait

Solvay, Aquapor in Estonia, TEGAS in Russia & many companies in the world

