



## PM 4001/Filtop

Water Pressure	1.0~4.0 kgf/cm <sup>2</sup>
Water Temperature	4 ~ 30℃
Size	Φ71(OD)×27.5(ID)×252(H)mm
Filter Component	<ul style="list-style-type: none"> <li>- PP Nonwoven Fabric(2 layers): Polypropylene spunbonded nonwoven fabric 2 layers_10 micron &amp; 5 micron</li> <li>- Carbon Block: Coconut activated carbon + UMMWPE(Ultra High Molecular Weight Polyethylene)</li> <li>- UF (Ultra Filtration) membrane filter: Polysulfone (BASF S-3010) hollow fiber membrane</li> </ul>
Filter System	1 combined filter with 4 steps (10 →5 →1 →0.1 μm)
Carbon block performance	<ul style="list-style-type: none"> <li>1. Chlorine reduction &gt;95% : 40,000L based on Korea standard-influent concentration 2ppm</li> <li>2. Chloroform &gt; 80% : 3,000L based on Korea standard- influent concentration 0.25ppm</li> </ul>
UF membrane performance	<ul style="list-style-type: none"> <li>Cut-off particle size: 0.03 μm (92.5% removal, condition 20℃, 1 kgf/cm<sup>2</sup>)</li> <li>-B. Diminuta 100% removal</li> <li>-S. Aureus 100% removal</li> <li>-E. Coli 100% removal</li> <li>-Kaoline 100% removal</li> <li>-Latex bead(0.05μm) 98.5% removal</li> </ul>