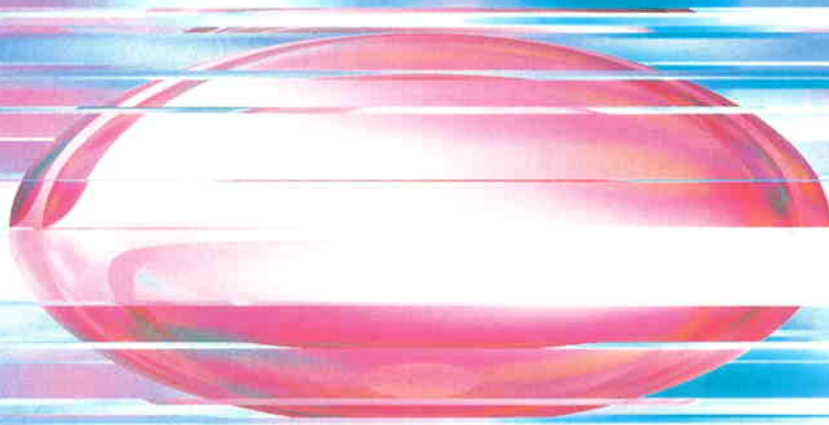


**'TORAY'**

# TET-1.0

Hollow Fiber Micro Filter



***Creating High Quality Water  
for Better Service***

# The "TET-1.0" is a hollow fiber micro filter designed to remove impurities contained in the treated water.

## FEATURES

### Superior ultrafiltration performance

Because it is made of hollow fibers designed to attain excellent filtration efficiency, ultrafiltration performance and constant flow can be easily obtained with the "TET-1.0".

### Higher removal performance of impurities

Because the TET-1.0 has higher removal performance of impurities, it is suitable for the use in a laboratory where water with less impurities is needed.

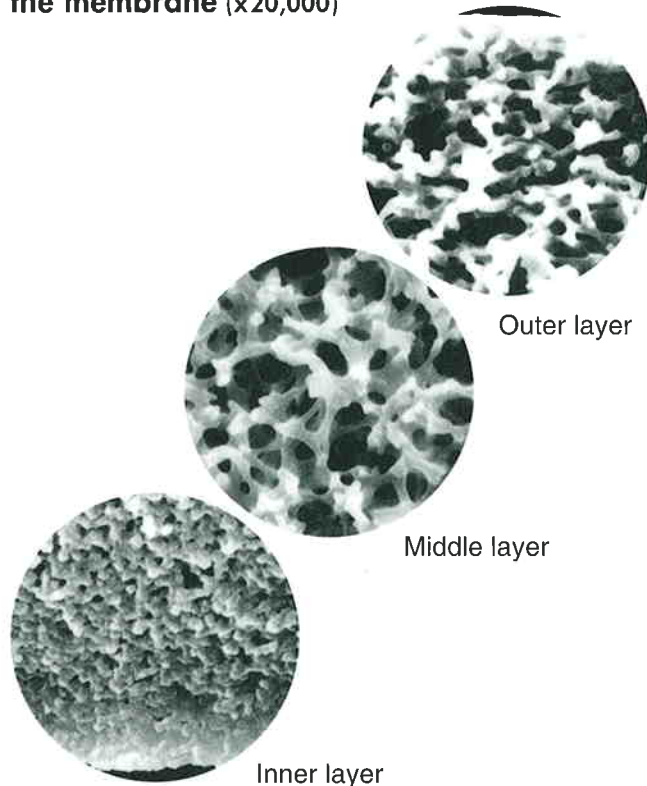
### Higher resistance against chemicals

Because of the characteristics of the membrane, it can be easily rinsed with such solutions as acetic acid or sodium hypochlorite.

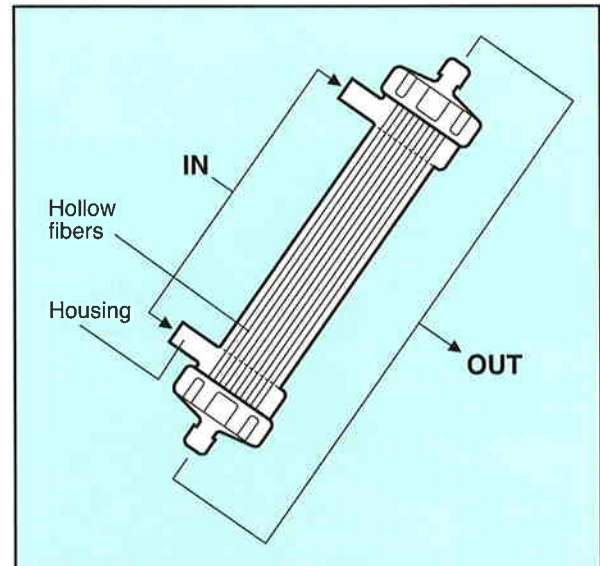
### Compact and easy handling

It is a compact, hollow fiber-made filter, enabling easier handling.

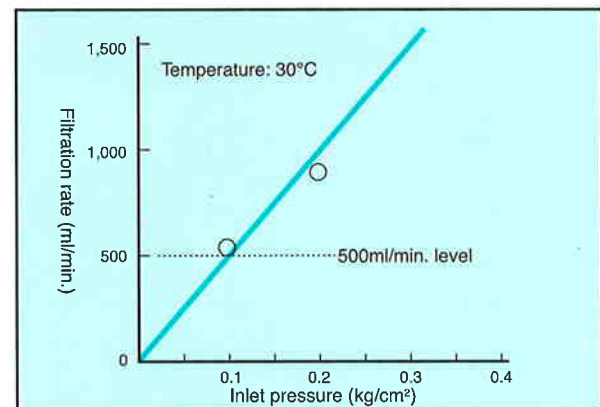
## S.E.M. (Scanning electron micrographs) of the membrane (x20,000)



## STRUCTURE



## FILTRATION PERFORMANCE



## SPECIFICATIONS

<b>Hollow fibers</b>	
Material	polysulfone
Inside diameter	200 $\mu$ m
Membrane thickness	40 $\mu$ m
Number of fibers	8,200 pcs
Effective membrane surface area	1.0 m <sup>2</sup>
<b>Dimensions of housing</b>	
(Effective length x diameter)	284 mm x 41 mm
<b>Sterilization</b>	$\gamma$ -ray irradiation
<b>Outer compartment volume</b> (on the inlet side)	65 ml
<b>Inner compartment volume</b> (on the outlet side)	65 ml

Manufacturer:

**Toray Industries, Inc.**

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