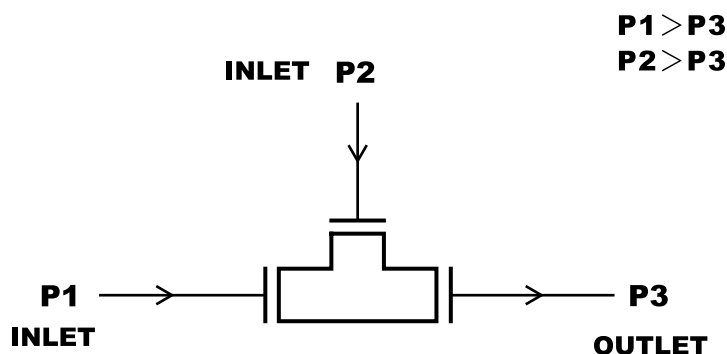


# INSTRUCTION MANUAL for INLINE MIXER (TD TYPE)

## 【 1 】 Necessary Conditions

This product is the inline mixer in which dispersion blown the fluid mixture from a lot of holes opened by a nozzle to the fluid which floats during laying of the pipes.

Therefore, The following pressure condition is necessary.



## 【 2 】 Installation

1. Inline Mixer can be used with piping either in the horizontal or vertical direction.  
(even up ward flow or downward flow.)
2. Install a check valve when you avoid the backflow to the upstream.
3. When connection size is different depending on each flowrate, please make connection by reducing flange or reducer.

## 【 3 】 Operating Precaution

1. Please note that the mixing ratio is different at the beginning of operation and at the time of shutdown due to the reasons such as the timing of the control system.
2. There are some retentions in the body of the Inline Mixer when stopped operation.
3. Because the size of pore for the element cover is about 2~3mm, please remove solids that might block the hole beforehand.

## 【 4 】 Maintenance

1. Please do visual inspection(Crack, Swelling, Deformation) for usual maintenance.
2. It's recommended that take off the drain-plug and remove inside retentions every 2~5years.
3. If performance degradation is occurred although using under the specification conditions, please cleaning up inside (The product has decomposable structure).

## 【 5 】 Inquiry

If there are any questions, please contact to our company.

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**HOKUTO MFG.CO.,LTD.**