

# CHEMICAL SOLUTION AUTOMATIC PREPARATION DEVICE

High-precision NaOH formulation is  
automatically possible!

## 【CHARACTER】

### ADOPTION OF OPTICAL SENSOR

High-precision compounding  
with an optical sensor.

### WITH TEMPERATURE COMPENSATION FUNCTION

It also has a temperature  
compensation function, and  
is not affected by the heat of  
reaction, enabling accurate  
formulation!

### EASY OPERATION WITH TOUCH PANEL.

All you have to do is  
enter the concentration and  
production amount to  
complete the work!



**TOKAI SENKO**

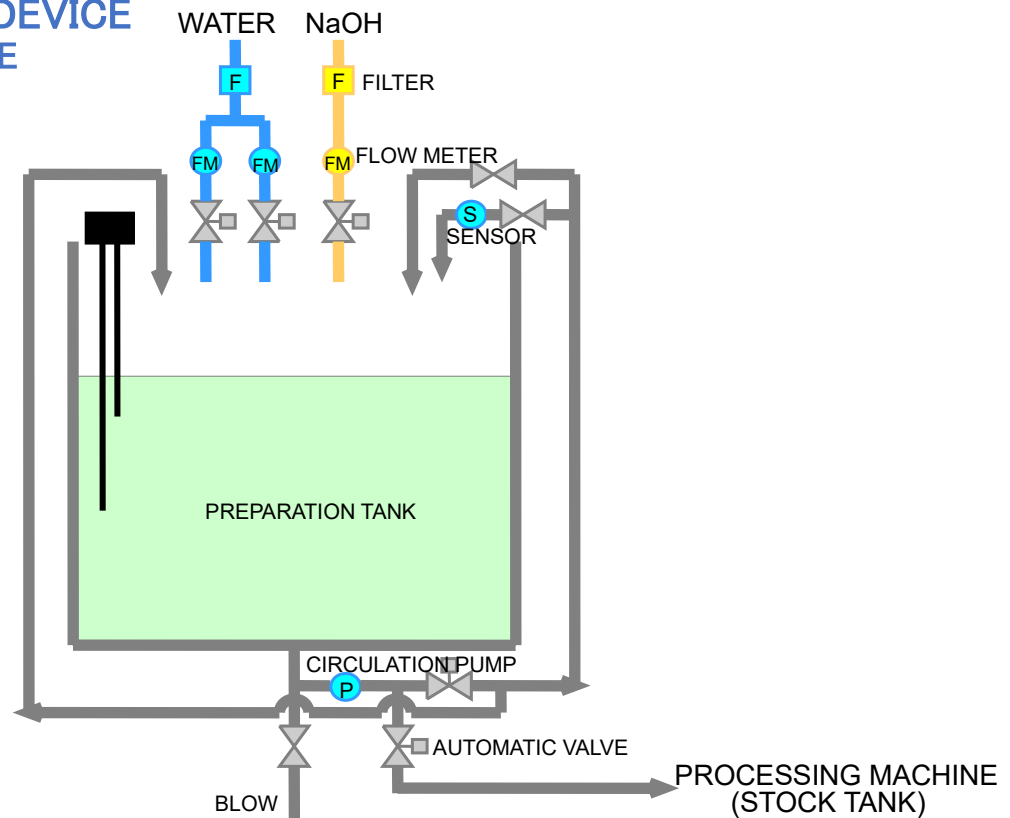
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## PREPARATION DEVICE FLOW SAMPLE



- ① Setting Enter the compounding concentration and production amount.
- ② Water injection Supply 100L of water (weighing with a flow meter). The circulation pump starts automatically and starts stirring.
- ③ NaOH / water input Calculate the required amount of NaOH and water. Measured and supplied by a flow meter.
- ④ Stirring After adding the required amount of NaOH and water, continue stirring for 10 minutes.
- ⑤ Concentration check After stirring for 10 minutes, check the concentration with an optical sensor.
- ⑥ Fine adjustment After measuring the concentration, make fine adjustments so that it is within the target accuracy range. If it is higher than the set concentration, add water, if it is lower than the set concentration, add NaOH, stir for 5 minutes, and stir. Complete the liquid preparation.
- ⑦ Liquid transfer After the fine adjustment is completed, use the circulation pump to the processing machine or the external stock tank. Transfer the liquid.
- ⑧ Continuous operation (linkage with processing machine) In the case of continuous operation, after the transfer of the compounding solution is completed, the operation from ② is repeated in conjunction with the processing machine (stock tank).