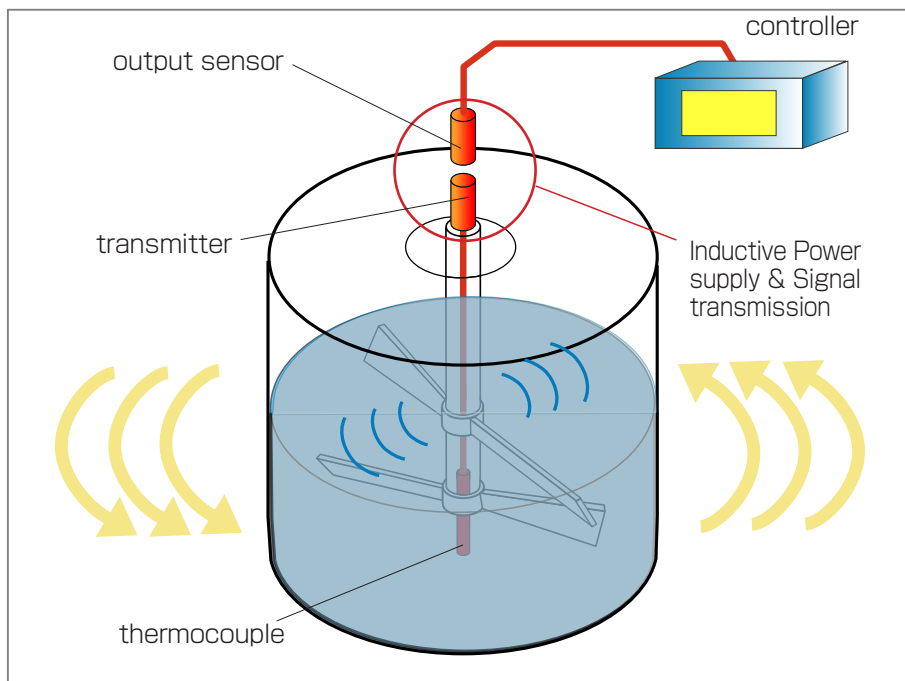


Monitoring temperature at the center of a stirring tank



Previous problems

- Very difficult to properly mix the materials without knowing center temperature of the tank.

Solution

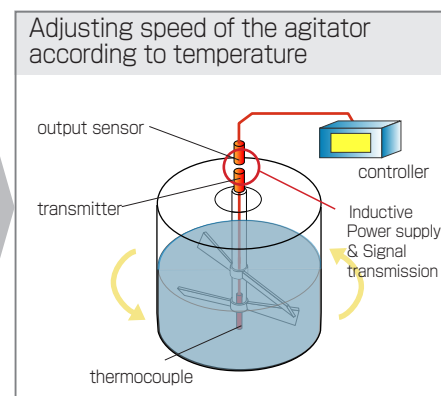
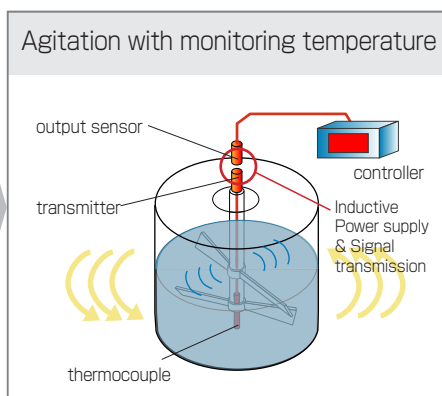
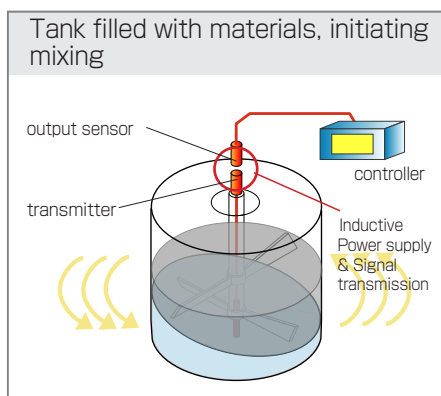


Remote System

After improvement

- Placed thermocouple in the center, measuring accurate temperature.
- Measured data of a thermocouple is transmitted, while agitating.

Application Monitor center temperature of the content in the tank, adjust the speed of agitator accordingly.
Remote sensor is installed on top of the agitator shaft, and transmits the measuring data of the thermocouple.



Construction of devices

movable side : mixing tank

fixed side

