

## FGD scrubber pH analyzer

pH controls in FGD scrubber application

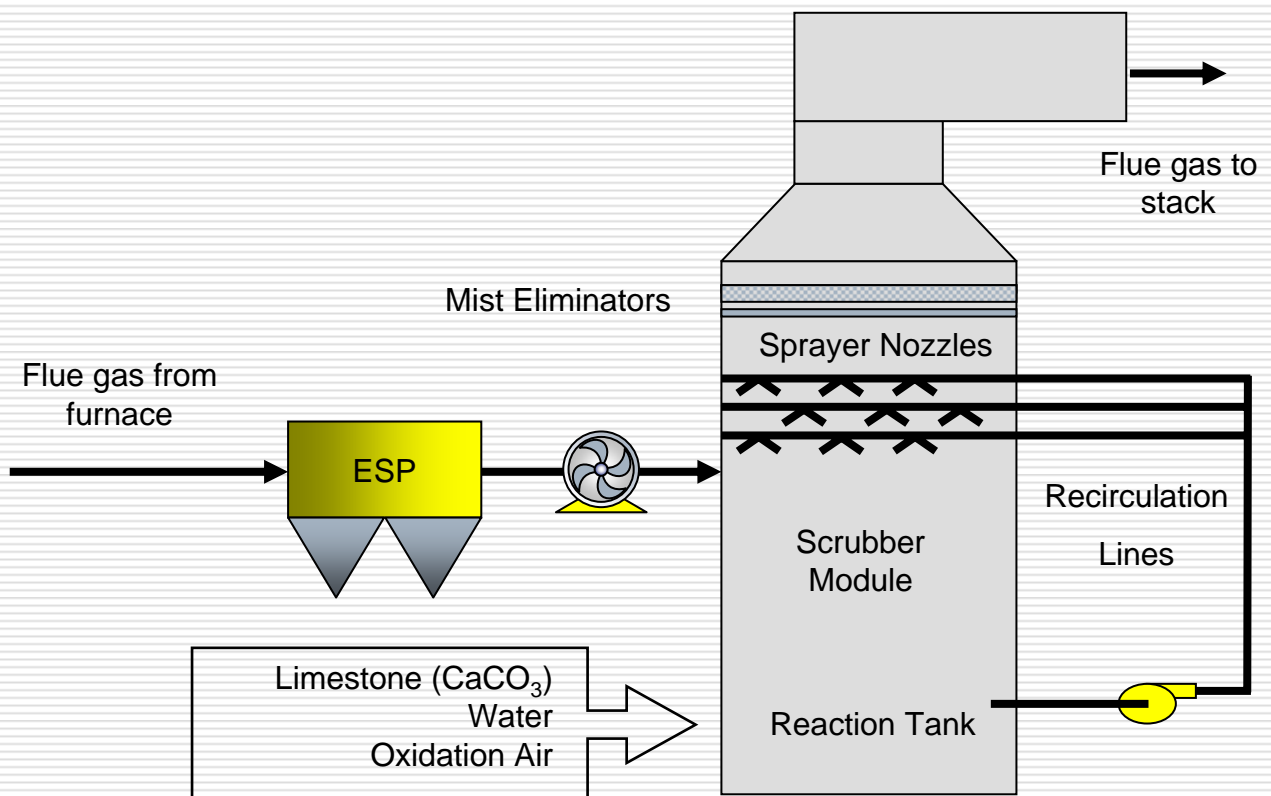


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## Introduce

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FGD is most common equipment in electric power plant, pH control in FGD is also the most important for the equipment, due to the high viscosity and impurities process, the pH sensor needs to have very rugged design of reference liquid junction to avoid the coating and junction offset build-up which is the main reason of sensor short life time.



## Features

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- ❑ Use ABB Solid state pH sensor which is proved as a most suitable sensor in FGD process.
- ❑ Combine with a auto jet cleaner and relative components for periodic cleaning the sensor tip and avoid the build-up offset of liquid junction.
- ❑ Equip with a air pump and collect tank with level control which can pump the waste water back to the process line.
- ❑ Free stand panel design, easy to install in job site.
- ❑ Flow through type sensor design can easy maintain and calibrate without interrupting the process.
- ❑ All 316ss wetted parts are standard, others material are also available, consult factory.
- ❑ 110/220VAC power requirement
- ❑ 2 configurable 4~20mA analog outputs can be configure to pH and temperature.
- ❑ 3 configurable relay outputs (one had been used for auto cleaning)

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