

Plant-wide instrumentation

Key product areas

- Flow Measurement
- Temperature Measurement
- Pressure Measurement
- Analytical Instruments
- Recorders and Controllers
- Actuators and Positioners

ABB supplies an unparalleled selection of instrumentation equipment and systems for use throughout all stages of the power generation process. Utilizing ABB's innovative products, you can create advanced systems that will help you ensure safe, reliable and economical performance of your power plant facilities.

Stack

- Thermal mass flow
- Temperature
- Pressure
- Flue gas monitor

Boiler Feedwater

- Vortex flow
- Temperature
- Pressure
- Differential pressure (flow)
- Conductivity
- Dissolved oxygen
- Hydrazine
- pH
- Actuators and positioners

Fuel System

- Coriolis mass flow (oil)
- PF-Meter (coal)
- Vortex flow (gas)
- Differential pressure
- Multivariable flow

Scrubbers

- Flow
- Pressure
- pH

De-aerator

- Differential pressure (level)
- Dissolved oxygen
- Actuators and positioners

Boiler Drum

- Temperature
- Pressure
- Differential pressure (level)
- Chloride
- Conductivity
- Phosphate
- pH
- Silica

Steam Line

- Temperature
- Pressure
- Differential pressure (flow)
- Conductivity
- Silica
- Sodium
- Actuators and positioners

Cooling Water System

- Electromagnetic flow
- Temperature
- Differential pressure
- Pressure
- Conductivity

Control Room

- Data recording

Generator

- Temperature
- Differential pressure
- Pressure
- Hydrogen purity/purge gas monitoring
- Actuators and positioners

Condenser

- Temperature
- Differential pressure (level)
- Chloride
- Conductivity
- pH
- Silica

Extraction Pump

- Pressure
- Conductivity
- Dissolved oxygen
- Sodium
- Actuators and positioners

Sample Station

- Housing for analytical equipment

