

## Recommend solutions for power plants

Level measurement solutions in power plant system are quite complicated, which involve high temperature and high pressure conditions, corrosive conditions, flammable and explosive conditions, low density conditions, and et cetera. Solutions include liquid level measurement as well as material level measurement. In order to better solve and avoid the problems in practical application of traditional power plant level measurement solutions, such as the difficulties in measuring high temperature and high pressure, excessive leak points, poor safety and reliability, low measurement precision, mass maintenance task, complicated adjusting and calibrating processes on a regular basis, short service lives of measurement instruments, huge errors caused by inside and outside temperature differences, and inaccurate test results due to the variations of temperature and density, SWISA has the following solutions:

### Solution 1: Magnetic Level Gauge + Magnetostrictive Level Transmitter Integrated Liquid Level Measurement Solution

1	Main Measurement Devices	Magnetic Level Gauge
2		Magnetostrictive Level Transmitter
3		Magnetically Coupled Level Switch (Optional)
4	Measurement Accessories	Vent / Drain Valve (Optional)
5		Globe Valve (Optional)
6		Other Components (Optional)

### Solution 2: Magnetostrictive Level Transmitter Liquid Level Measurement Solution

1	Main Measurement Devices	Magnetostrictive Level Transmitter
2		Magnetostrictive Float (Optional)
3		Level Switch (Optional)
4	Measurement Accessories	Drain Valve (Optional)
5		Globe Valve (Optional)
6		Other Components (Optional)

Solution 3: Guided Wave Radar / RF Admittance Transmitter  
Material Level Measurement Solution

1	Main Measurement Devices	Guided Wave Radar / RF Admittance Transmitter
2		External Float (Optional)
3		Level Switch (Optional)
4	Measurement Accessories	Drain Valve (Optional)
5		Globe Valve (Optional)
6		Other Components (Optional)

Solution 4: Radar / Ultrasonic Transmitter Non-contact  
Material Level Measurement Solution

1	Main Measurement Devices	Radar / Ultrasonic Transmitter
2		External Float (Optional)
3		Level Switch (Optional)
4	Measurement Accessories	Drain Valve (Optional)
5		Globe Valve (Optional)
6		Other Components (Optional)