

## ATG solution for filling station

Windbell's automatic tank gauge can accurately monitor fuel storage tanks status of filling station in real time, and mainly include SP series magnetostrictive probe, SS series console, SM controller and other optional devices.

With the tank gauge, whatever and wherever you want of product level, water level, five-point temperature, inventory, delivery and sales information, Windbell will always here to help you easily reach the target!

### ◆ SS160plus tank gauge console



SS160Plus Tank Gauge Console is an enhanced console in Windbell console family. With the

console you can watch the detail information of underground storage tanks or aboveground storage tanks, like fuel density, product level, water level, temperature, etc. It is also the communication display platform between ATGs and users and has open communication protocol to fuel management system. Configurations like alarm value, tank information, etc, also can be user-defined.

### ◆ SS180 tank gauge console

Base on the basic functions that offer accuracy measuring and reliable monitoring performance, SS180



Tank Gauge Console is a fully featured console that can help station owners manage business better.

### ◆ SS130 tank gauge console



SS130 tank gauge console have 4" LCD display and function button, and also have open communication

protocol to other tank monitoring system or fuel management system. The console has outstanding features as safe, durable and economical.

### ◆ SM99 tank gauge console



SM99 tank gauge console is designed without LCD display, mainly for communicating

with tank level monitoring software "PC Remote" on computer. This tank gauge controller can also communicate with other fuel terminal management software.

### ◆ Probe



Windbell SP series *magnetostrictive probe* take advantages of Wiedemann effect, Villari effect and

Ultrasonic effect of intelligent material, by measuring time value difference which can be easily measured with high-precision, to convert to displacement difference, can accurately

measure the product level, water level, product density and temperature in tank.

◆ **PC remote**



The PC Remote Software can provide real-time tank level monitoring on computer

at site office.

◆ **Sound-light alarm**



An alarming device that sends a warning signal to people through sound and light.

◆ **Leak sensor**



The leak sensor is specifically designed to monitor the leakage of oil and water in the interlayer

of double-wall tanks and double-wall pipelines.

◆ **Anti-overfill valve**



Anti-overfill valve is installed at the loading pipe between oil truck and underground

tank; and between anti-overfill valve and SS160Plus tank gauge console, there is a valve controller. The controller plays a role like a information transmission center which receive the demand from SS160Plus tank gauge console, send shut off demand to specific valve, so to stop oil loading immediately.

◆ **Pump console**

Submersible pump console is used for controlling the submersible pumps.



It works with SS series console. Once the product level reaches to the preset alarm level in console, the submersible pump console will automatically cut off the power circuit of submersible pump, so to stop fueling into cars, protect all relative equipment like pipes, fuel dispenser and cars.

◆ **GSM modem**



Base on SS160Plus tank gauge console, add one GSM modem, 2G or 4G,

it is can support message sending from console to specified receivers.

Product solutions

➤ **Classic solution**

Name	Model	Quantity	Remark
Tank gauge console	SS160plus	1	
Probe	SP300	1	
PC remote	PCR200	1	Optional
Sound-light alarm	BBJ-Z/RE	1	Optional
Leak sensor	CLS100	1	Optional
Anti-overfill valve	DFV100	1	Optional
Pump console	EM02	1	Optional

➤ **Enhanced solution**

Name	Model	Quantity	Remark
Tank gauge console	SS180	1	
Probe	SP300	1	
PC remote	PCR200	1	Optional
Sound-light alarm	BBJ-Z/RE	1	Optional
Leak sensor	CLS100	1	Optional
Anti-overfill valve	DFV100	1	Optional
Pump console	EM02	1	Optional

➤ **SMS solution**

Name	Model	Quantity	Remark
Tank gauge console	SS160plus	1	
Probe	SP300	1	
GSM modem	2G/4G	1	
PC remote	PCR200	1	Optional
Sound-light alarm	BBJ-Z/RE	1	Optional
Leak sensor	CLS100	1	Optional
Anti-overfill valve	DFV100	1	Optional
Pump console	EM02	1	Optional

➤ **Economic solution**

Name	Model	Quantity	Remark
Tank gauge console	SS130	1	
Probe	SP300	1	
PC remote	PCR200	1	Optional
Anti-overfill valve	DFV100	1	Optional
Pump console	EM02	1	Optional

➤ **Simple solution**

Name	Model	Quantity	Remark
Tank gauge console	SM99	1	
Probe	SP300	1	
PC remote	PCR100	1	

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