

# SVP3000 Alphaplus is "Smart" in every way



**S**V P3000 Alphaplus smart valve positioner, developed by investing Yamatake technology, knowledge and know-how, has sold more than 100,000 units since the SVP was introduced in April 1998.

The SVP3000 Alphaplus smart valve positioner has fully advanced features such as an auto setup function, which automates the adjustment with a control valve. This is not the only advanced feature that the SVP3000 Alphaplus has. Here, we will introduce more "Smart" features which may not be apparent.

As long as the SVP handles instrumentation air, appropriate maintenance is required for the air pollution. Here are two features which the SVP possesses for air pollution.

## ★ Filter for the fixed restriction component



Conventional positioners tend to generate zero-shift problems. This is because dirt accumulates around the fixed restriction component of the pneumatic circuit and the nozzle and flapper section, which increases the nozzle backpressure.

However, the SVP has a filter installed in the upstream side. This prevents dirt and contaminants from getting into the pneumatic

circuit and improves the reliability of the SVP's performance.

Moreover, since the filter is an electrostatic suction type, when used with a general air set, you don't have to worry about clogging anymore.

## ★ Cleaning the nozzle flapper with a business card

The SVP nozzle flapper can be cleaned easily using your business card. You can clean dirt that the filter cannot take out and accumulates between the filter and the flapper.

Just scratch off the dirt with the end of your business card. You can clean the nozzle flapper simply by taking the pilot cover off of the main body. Also, you can clean it in an explosion-proof area just by shutting off the air supply to the positioner since its electronic part and pneumatic part are completely isolated from each other.



**"Smart" in "Smart Valve Positioner" is not only about "smart communication", but also for "Smart pneumatic circuit maintenance"! You'll surely benefit greatly from our SVP3000 Alphaplus Smart Valve Positioner!**

The GENBA  
(On-site news)



**Issued by**

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**Vol. 28 Jun. 2, 2004**

AAC reference vol. 39 (issued on Apr. 16, 1999)

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