

# POSTHARVEST NEWSLETTER

An Informational Publication Featuring the Latest Controlled Atmosphere Technologies

Winter 2009

## NEW PRISM PRESSURE MODELS



PRISM Pressure Model PP-322

Storage Control Systems, Inc. has refined our line of PRISM Pressure Nitrogen Generators to offer four standard production models as well as many custom configurations to suit your needs. The oil-free compressors featured in all of these models have proven to be very reliable and cost effective by eliminating the potential of oil destroying the PERMEA PRISM membranes. We've also increased CFM output by using multiple motors and pumps. This offers energy-saving flexibility for the storage operator later on by using full power for pulldown and far less power on a leaky room. A redundant sampling system has also been developed, comparing the CO<sub>2</sub> Scrubber and the N<sub>2</sub> Generator room samples for the highest accuracy and insurance possible.

## STORAGE BUILDING DESIGN DRAWINGS

More and more growers are building on-site storage & packing facilities, some including offices and retail spaces. Starting with a sketch of your proposed plan, SCS can completely design, quote and organize the construction of your custom building. In addition, SCS has several CA building packages in two and four-room varieties pre-planned to make the process of CA storage easy and affordable for everyone. This "one-stop shop" approach offers the advantage of having the manufacturer of the equipment design a building to optimize the performance of it.



SCS now offers our prefabricated insulated panel solution for storage facilities. In both CA and CS applications, panels offer numerous advantages and improvements over traditional construction using spray foam. The panels have a washable surface, require no extra fire proofing, have better R-value, have a vapor barrier built-in, and offer tax and depreciation advantages, making them an economic solution that will last a lifetime.

## SCS LIVEVIEW™

Newly launched is the SCS LiveView web-based monitoring and controlling service. Using a personal, custom website, users are able to log in to their building or equipment, see the exact conditions and make changes if needed. Anywhere you have the internet, you are able to monitor and control your storage facility.



Live Storage Conditions. Anytime, Anywhere.



## GCS STOPLITE™

Due to increased demand, Gas Control Systems, Inc. has developed a straight-forward system for displaying the danger levels of the atmospheric conditions in storage areas. The concept is simple; a box at each room displaying a green light means ok, a yellow light means caution and a red light means the storage area is not suitable for entry.

## GCS CA MONITORING/CONTROLLING SYSTEMS

The sampling-only systems in our line of CA monitoring and controlling systems feature a dual-sensor design allowing for great precision in storage rooms as well as compressor and equipment rooms. Sensors are available in a wide variety of gases and conditions, with ammonia detection being the most popular. All models are also available with the option of adding control capabilities, enabling email/SMS alerts on alarm as well as live web-based control. Coupling this with our STOPLITE™ system creates the ultimate in storage accuracy, safety and convenience.



## GCS900 SERIES REFRIGERATION CONTROLLERS



The GCS900 Refrigeration Control System, when combined with a satellite controller box at each room, actively monitors and controls all aspects of your refrigeration system. Using an 8" color touch-screen, the operator is able to view the output of each temperature probe, monitor which evaporators are running, and easily turn systems on/off or defrost rooms individually through a graphical interface. Energy management is also a feature of this control. Time of day, electric demand and refrigeration load are just a few of the criteria taken into consideration to adjust the refrigeration. It can also read existing probes of a GCS610 or david bishop Oxystat.

"Storage Control Systems, Inc. offers world-class controlled atmosphere equipment and customer service. We will work side-by-side with our customers from conception to realization of their projects, using our combined years of controlled atmosphere and engineering knowledge. We are committed to exceeding our customer's expectations for value, quality, and overall satisfaction.

We are firm believers that if we are not moving forward with technology, it will pass us by. Our staff is never content with riding the curve of innovation; we constantly strive to shape it. Our research and development teams continue to design the best equipment and serve our customers with the highest level of technical knowledge in the industry.

Our promise is to provide superior products and services so that our customers are confident that their produce is protected by the most reliable equipment in the industry. We want our customers to be free to shift their focus to the more important things in life."



*James C. Schaefer*  
James C. Schaefer  
President



STORAGE CONTROL SYSTEMS  
420 SOUTH STATE STREET • SPARTA MICHIGAN 49345  
T 800.487.7994 • P 616.887.7994 • F 616.887.1128  
WWW.STORAGECONTROL.COM • INFO@STORAGECONTROL.COM