

Gas Blenders

Proportional

PROPORTIONAL GAS BLENDERS

For Controlled and Modified
Atmospheric Packaging of Food Products

FEATURE BENEFITS

- Select from a variety of gas percentages to meet your packaging needs
- Mixtures are maintained with any selected proportion with no gas separation
- Mixture accuracy is unaffected when inlet pressure remains within specified limits
- Reduced set-up time eliminates the need for premixed gases
- Ideal for mixture development for food packaging
- Laboratory and research applications
- Easy to operate

Eliminates The Need For Premixed Gases

Blending of gases eliminates the percent variations found with premixed gases. Lower cost individual gases can be blended to specific percentages for the product being packaged. Controlling the blended gases will result in lower cost and more flexibility in your packaging process.

Reduced Set-Up Time

On-site blending of gases eliminates the need to change cylinders, regulators, flowmeters, and hoses when changing from one mixture percentage to another. Changing the percentage setting is accomplished by the simple movement of a dial.

Eliminates Gas Separation

Blending of gas just prior to use eliminates gas stratification or separation that can occur when pre-mixed cylinders are allowed to stand for periods of time before use.

Automatic Shutdown

If any one of the incoming gases falls below a certain pressure level the Blender will automatically shut down. This eliminates the possibility of operating with only one gas.

Easy Installation and Operation

Smith's Gas Blender require no electrical connections. It is a completely mechanical device that is adjusted by simply turning a dial. This makes quick and easy percent mixture changes possible.

Tamper Resistant

Smith Blenders have a transparent Lexan™ door to protect the dial from accidental movement. This also allows the operator to monitor the setting.

NOTE: The pictures in this catalog depict examples of food products that may be packaged using the CAP/MAP process. Not all of the food products shown were packaged using these processes or the Smith blender.



Two Gas Blender - 700 SCFH