

WORLD OF DIFFERENCE

Passport®
FiveStar Alarm



MSA Be Sure.
Choose MSA.

In response to customer surveys and requests, we're pleased to introduce the new and improved Passport FiveStar Alarm. A number of new features and product enhancements have been added or are coming soon, including:

Auto Calibration

The Passport FiveStar Alarm Version 3.0 software with one-button calibration is now available. This feature greatly simplifies instrument calibration and reduces training needs. Designed to be the safest in the industry, it helps prevent improper calibration by limiting the adjustments to 30% of the expected span value.

Nickel Metal Hydride Battery Pack

The new NiMH battery pack (available summer '99) provides up to 20 hours of continuous instrument operation in diffusion mode.

New MSA Series 20L Poison-Tolerant Combustible Sensor

MSA's new Series 20L combustible sensor provides up to 50 times the silicone poison tolerance compared to competitors' sensors. This feature increases sensor life and reduces costs of ownership.

Nickel-Plated Case

A new, nickel-plated instrument case provides an attractive, stiffer and more durable case. Most importantly, this new case offers 10 times the radio frequency interference (RFI) resistance.

Fast Battery Charger

The Fast Charger has been improved to fully charge batteries in four to five hours. Now capable of charging both NiCd and NiMH packs, the Fast Charger features a patented battery conditioning circuit to maximize the number of charge cycles and optimize battery pack capacity.

Improved Weather Resistance

Enhancements to instrument sealing, including a new sensor cover, a gasket under the cover and a "diffusion barrier" all help to keep dust and water out of the instrument. The case is now IP54-rated.

Updated Sensor Board

A newly revised sensor board provides a greatly simplified approach to installing "biased" sensors such as NO and NH₃ and reduces power consumption.

Improved Pump Manifold

Featuring a more robust design, the manifold will not stick to the sensor cover. It offers less flow sensitivity and is Cl₂ and NH₃ compatible.

TIM® Compatibility

The Passport FiveStar Alarm Version 3.0 software is also fully compatible with the TIM Total Instrument Manager from MSA. TIM, the leading computerized calibration system, allows users to automatically calibrate their instrument and track calibration records.

Phosphine Sensor

This new sensor is excellent for use in grain processing and storage and drug enforcement applications.

New Link Software

FiveStar Link Version 3.0 software features an improved user interface with built-in gas exposure graphics. New features greatly simplify the display and manipulation of data.

Gas Gauge Improvements

The accuracy of the "gas gauge" internal battery monitor has been improved with Version 3.0 software. The instrument will now detect the very low levels of current drain when it is not operating to help ensure that low battery indications will not occur before the gas gauge indicates a drained pack.

With this array of new features — and enhancements to existing features — the new and improved Passport FiveStar Alarm now, more than ever, represents the best overall combination of features available on the market. For more information or a distributor near you, call 1-800-MSA-2222.

YOU ASKED FOR IT . . . MSA DELIVERED!

You've experienced the power and performance of the compact, portable Passport FiveStar Alarm. You've liked the fact that such big performance has been available in such a small package. But, you've wanted even more performance and additional features . . .

and we delivered.



Contact us at www.MSAnet.com
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