

MG Scientific - Solvent Delivery System



If your lab or production operation is using a high volume of solvents but still purchasing those products in cases of bottles, your company may be an ideal candidate for the implementation of solvent delivery system. If you would like more information on how you might benefit from our Solvent Delivery System, [Click Here](#).

How Does It Work?

Solvents are delivered to the customer by MG Scientific in stainless steel containers that are picked up, refilled, and returned to the lab, as often as necessary. The containers are available in a variety of sizes, ranging from 20 liters to 1250 liters. They are designed to be mobile and can be placed in individual labs or in a central secure storage area and dispensed through a plumbing system much like bottled gas supply.



Benefits of a Solvent Delivery System

- Minimization waste- cardboard, foam, glass bottles and bottle rinse waste.
- Storage footprint optimization-
 - A 200L container replaces about 12.5 cases of 4x4 Liter bottles

Product Quality- Reduces solvent contact with ambient conditions minimizing potential for cross contamination. More product provided from one manufacturing lot, reducing testing required to validate multiple lots.

Product Safety- Reduced employee exposure to harsh solvents. Eliminates potential for glassware cuts. Reduced potential for laboratory spills.

Convenience Benefits- Containers can be directly connected to the instruments for point of use dispense. Containers are easily movable around the lab to accommodate changing workflow. MG Scientific handles all responsibilities for return, refill and replacement.

Cost Savings- The price per liter for high purity solvents is often less when compared to solvent packaged in 4-liter bottles. Because packaging waste is eliminated so is the cost of managing those byproducts. The convenient footprint of returnable containers allows for better utilization of laboratory space. Increased lot consistency reduces unnecessary quality assurance testing.

FACT miscellaneous

While no one really knows the true origin of April Fools Day, many believe its beginning dates back to the 16th century, particularly in France. In 1564, the Edict of Roussillon, established January 1 as the start of the new year, replacing the previous celebration on April 1. Those who continued to celebrate the old New Year were called "April fools" and became the target of jokes and pranks.

MG PROMOTIONS



Available Solvents

Virtually all common solvents can be provided in returnable containers as well as many custom blended products. These same products can be provided in a variety of grades to include ACS, HPLC and LS-MS. Below is a summary of some of the products available in returnable tanks.

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| • Acetone | • Dimethyl Sulfoxide | • Oxidation Solution |
| • Acetonitrile | • Ethyl Acetate | • Pentane |
| • Activator Reagents | • Ethyl Ether | • Petroleum Ether |
| • Capping Reagents | • Heptane | • N-Propyl Alcohol |
| • Chloroform | • Hexane | • Isopropyl Alcohol |
| • Detritylation Solution | • Methanol | • Pyridine |
| • Dichloromethane | • N-Methylpyrroildone | • Tetrahydrofuran |
| • Dimethyl Acetamide | • N,N-Dimethylformamide | • Toluene |

*Search on-line to see what new and innovative products **MG Scientific** has for your lab or call MG Customer Service to see the many different solutions to fit your needs- 800.343.8338*