



SmartPak® by Samson Medical Technologies, L.L.C

The innovative, easy-to-use packaging system ideal for large volume sterile product preparation.

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Founded: 1999
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Company Background

Samson Medical Technologies, L.L.C. is a privately-held company founded in 1999 by Marvin Samson, a world-renowned leader in injectable manufacturing and delivery systems, to provide hospital and alternate site pharmacists with safe, convenient, sterile dosage preparation systems and products. The company was established in response to requests by leading health-system pharmacists to develop an alternative to cumbersome pharmacy bulk package vials. Samson Medical Technologies has worked with these leaders and a major supplier of anti-infective active ingredients to develop the SmartPak® system that enables pharmacy professionals to prepare sterile dosage forms with a great degree of safety, accuracy, and ease.

Product Overview

Available as a sealed, additive-free, latex-free, polymer bag, each SmartPak® bag contains up to 300 grams of a sterile powder protected from light, moisture, and oxidation by a foil overwrap. SmartPak® is an easy-to-use, space-saving, patented packaging system for injectable drugs, ideal for sterile product preparation. It is a totally closed system, and its polymer construction avoids breakage and potential injury. Its design eliminates the usual time-intensive steps associated with reconstituting multiple 10 gram vials of drugs, resulting in fewer manipulations, which, in turn, reduces the risk of contamination of product that is administered to a patient. SmartPak® is compatible with commercially-available pumps, tubing sets, cassettes, and syringes.

Features

- SmartPak® is composed of two sterile bags.
- An inner bag is in direct contact with sterile drug product and is made of an additive-free polymer to ensure maximum stability and shelf life.
- Sealed double port on the bottom allows for introduction of diluent and subsequent withdrawal of the bag contents.
- A labeled, filled bag is placed into an outer foil bag.
- This outer bag protects the inner bag from light, moisture, and oxidation, maximizing stability of the drug product.

Benefits

- Elimination of the usual steps associated with reconstituting multiple 10 gram vials of drug.
- Totally closed system.
- Fewer manipulations.
- Greater assurance of sterility.
- No glass means no breakage.
- Reduced storage space requirements.
- Reduced waste disposal.

Testimonials

“Having bulk antibiotics in sterile form via SmartPak, enables us to maintain inventory of critical products at times of short supply. It has also reduced our batch preparation time and storage space required.”

— Rich Paoletti, MBA, RPh

“Our Staff reconstitutes over 800,000 doses of IV sterile products annually. SmartPak reduces time, manipulation, and potential for contamination.”

— Kevin Kyle, Pharmacy Buyer