

Mar Cor Purification BioScience Products



MAR COR[®]
PURIFICATION
A Cantel Medical Company

Mar Cor Purification BioScience Products

Mar Cor Purification, owned by Cantel Medical Corporation, is a business that consists of several familiar companies integrated to offer filtration, water and disinfection technologies. These companies include Minntech Filtration Technologies Group, now renamed BioScience Products. The BioScience Products Group has been providing hollow fiber membrane filters, cold sterilant disinfectants and dry fog products for over 20 years. These products are used in many pharmaceutical, medical and industrial applications as a key component of maintaining a high quality filtration & disinfection environment.



Disinfection Technologies

The cleanliness of systems and environments is a critical issue in the biotech industry, particularly in water treatment applications. Using Minncare Cold Sterilant is the most efficient way to reduce and eliminate biofilm contamination in your water treatment and distribution system. It has proven to be the most effective disinfectant available. Actril Surface Disinfectant is a powerful RTU solution proven to kill even the most difficult of organisms, such as MRSA and C.Difficile.

Minncare® Cold Sterilant

The Gold Standard in RO & Distribution System Disinfection.

- Superior biocidal activity
- Compatible with all thin film composite membranes
- Easily disposable and Biodegradable
- Fast acting, concentrated formula
- Used in Dry Fog Technology



Actril® Cold Sterilant Surface Disinfectant

Ready-To-Use (RTU) Sporicide

- Superior Sporicidal, Bactericidal, Fungicidal, Mycobactericidal and Virucidal Activity
- Formulated for use in the Sterilization and Disinfection of hard surfaces
- Registered with US EPA



Minncare® Test Strips

Mar Cor Purification is the only supplier to provide Test Strips validated for use with these disinfectants. Minncare give quick results with easy-to-read indicators.

- 1 % indicator strips to confirm concentrate
- Residual indicators to confirm rinseout



Actril® Cold Sterilant Clean Room Packaging

Actril Cold Sterilant has been optimized for the clean room environment by specialized packaging that allows it to be brought straight into the clean room suite. No longer does the product need to be cleaned to bring it into these critical environments.

- Pharmaceutical, biotechnology, medical device manufacturing
- Research and laboratory facilities
- Other critical contamination environments



FiberFlo® Filtration Technologies

Mar Cor Purification's unique hollow fiber membrane technology is available in FiberFlo brand filtration and separation devices. Available in either cartridge or capsule form, the filter devices provide fluid purity in high flow applications with up to three times the filter area as traditional pleated filters. This advantage streamlines processes and saves on both capital and operating expenses. The unique hollow fiber membrane is made using advanced quality control techniques which produce a remarkably consistent product passing biocompatibility and performance criteria required for registration as a medical device under USFDA regulation 510(k).

Hollow Fiber Filters

FiberFlo® Hollow Fiber Cartridge Filters

For over 25 years the proven technology for bacteria, endotoxin and particle control.

- Higher flow rates at lower pressure drops
- Extended life--cleanable, sanitizable
- Unique membrane structure provides consistent and verifiable pyrogen removal
- Autoclavable and steam sterilizable



FiberFlo® Hollow Fiber Capsule Filters

Superior performance to traditional, pleated membrane capsule filters

- Longer Lasting, High-level endotoxin
- Up to 6 times the surface area of comparable pleated capsule filters
- High Flow Rates
- Available in 2 sizes, 4 micron ratings, and a variety of endcap styles
- Meets USP Class VI Plastics Testing and USP XXIII standards requirements



Hollow Fiber Crossflow Filtration

Ideal for separation and purification applications, the polysulfone fibers have a graded pore size structure with a "skin" on the inside of the fibers. Fluids, even with varying viscosities, flow easily through the center of the fibers (inside the lumens) with the skin resistant to fouling by materials in the fluids.

- Very high product recovery rates
- Designed for Biotech separation applications



All-Nylon Pleated Cartridge Filters

The New FiberFlo "NN" All-Nylon cartridges are absolute rated. Made with Nylon membrane, cage, core, end caps and support media gives the cartridges broad compatibility with a wide range of chemicals.



Prefiltration

Prefiltration is critical for the long life of your filtration system. Mar Cor Purification has a complete line of prefiltration products in a variety of materials, micron ratings, and sizes to fit the needs of any system.



Filter Housings

Mar Cor Purification offers a full line of housings for your filtration needs including both stainless steel and polypropylene housings.

Dry Fog Technology

Minncare Dry Fog System™

The Minncare Dry Fog provides an easy to use, high technology solution for clean room and critical area fogging. The combination of our highly effective Minncare Cold Sterilant chemical and our state of the art Dry Fog delivery system enables users to rapidly and safely deliver Minncare vapor to even the most complex areas. Its sanitary and autoclavable design will permit its use in pharmaceutical and other applications concerned with maintaining the utmost levels of cleanliness.

- Validatable & Autoclavable design
- Over 95% faster than some conventional systems
- Ensures penetration into normally inaccessible areas
- Sanitary construction using 316L SS for key components
- Portable system can easily be used in multiple locations



Minncare Mini Dry Fog System®

The Mini Dry Fog system provides an easy-to-use, high technology solution for confined-space fogging. The flexibility of the Mini Dry Fog nozzle allows for rapid vapor dispersion and ensures the entire space is exposed to dry fog.

- Single units are suitable for use in volumes up to 20m³ or a 700ft³ room and will disperse up to 500ml of liquid Minncare solution
- Eliminates formaldehyde disinfection procedures
- For use in biological safety cabinets, glove boxes, pass-through rooms, and ambulances



Additional Mar Cor Purification Business Segments



Mar Cor Purification Medical Water Solutions

Mar Cor Purification is one of the largest and most experienced water purification suppliers to the Medical/Hemodialysis market. Mar Cor Purification has the largest equipment and service offering and provides complete, installed, medical device registered water systems throughout North America. Systems include pretreatment, reverse osmosis (RO), filtration and distribution loops. Each system is serviced from one of our nationwide service offices, which are stocked with critical medical device spare parts.



Mar Cor Purification Life Science Water Solutions

Mar Cor Purification is a leading provider of complete water treatment systems and services for the Life Science market. For over 35 years and over 1000 installations, we have been providing high-purity water solutions to companies such as pharmaceutical, cosmetics, medical device, food & beverage and dialysis. We accomplish this with our Biolab line of products, while providing proven filtration and disinfection technologies through our FiberFlo® Filters and Minncare® Cold Sterilant brands. Mar Cor has one of the largest water treatment related technical and field support networks to support our installed systems.

Minncare®, Actril®, and FiberFlo® are registered trademarks of Minntech Corporation, a Cantel Medical Company



Mar Cor Purification
4450 Township Line Road
Skippack, PA 19474-1429
Tel: (484) 991-0220
Toll Free: (800) 346-0365
Fax: (484) 991-0230

Mar Cor Purification
14550 28th Avenue North
Plymouth, MN 55447
Tel: (484) 991-0220
Toll Free: (800) 633-3080
Fax: (763) 210-3868

Mar Cor Purification
3250 Harvester Road - Unit 6
Burlington, ON L7N 3W9
Canada
Tel: (905) 639-7025
Toll Free: (800) 268-5035
Fax: (905) 639-0425

Minntech B.V.
Sourethweg 11
6422 PC Heerlen
The Netherlands

Tel: (+31) 45 5471 471
Fax: (+31) 45 5429 695

Minntech Asia/Pacific Pte. Ltd.
1A International Business Park
#05-01
Singapore 609933
Tel: (+65) 6227 9698
Fax: (+65) 6225 6848

For More Information Contact Mar Cor Purification at www.mcpur.com or Call 800-633-3080