



MOUNTAIN SAFETY RESEARCH®

MIOX® Purifier

PUMP-FREE SERIES

Product Information

Target Customer

Features & Benefits

Specs/Performance

Pocket-Sized Portability, Easy Operation, No Bad Taste

The MIOX Purifier represents a revolution in water treatment. Developed in conjunction with the U.S. military, it offers unrivaled ease of use and reliability for purifying large volumes of water, making it ideal for outdoor recreation, travel, and disaster preparedness. It's also ultralight, compact, and easy to use—with no pumping or iodine required. And since the MIOX Purifier needs only common camera batteries and salt to operate, it's maintenance-free, delivering more water, more easily than any purifier ever before.



Eliminates: Viruses, Bacteria, Giardia, Cryptosporidia.

How It Works:

Modeled after a high-tech municipal water-treatment system, the MIOX Purifier works by creating brine out of untreated fresh water and salt, then passing a small electrical charge through the solution, which results in a powerful dose of mixed oxidants (MIOX). This “cocktail” is poured into untreated water, inactivating viruses, bacteria, giardia, and cryptosporidia (which even iodine doesn't kill), and leaving you with safe, purified water.



Travelers, backpackers, expeditionists, alpinists, river rafters, inhabitants of disaster-prone areas, survivalists.

- **No Pumping Required:** Just add water, shake, and press a button.
- **Purifies Water Without Iodine:** No iodine-related health risk or unpleasant taste.
- **Great for Large Volumes of Water:** Purifies up to four liters per dose (or as little as 0.5L).
- **Ultralight and Compact:** Fits in your pocket to go anywhere.
- **Maintenance-free:** Simply replace batteries and salt.
- **Reliable Purification:** Inactivates viruses, bacteria, giardia, and cryptosporidia.
- **Increased Safety:** Safety-indicator strips verify performance in “worst-case” situations.

Viruses, Bacteria – 15 min.

Giardia – 30 min.

Cryptosporidia – 4 hours

Batteries: 2 x CR-123A lithium camera batteries (6V total).

Battery Life: Up to 200 liters

Shock and Freeze proof

Submersible to 60 ft./18 m

Temp. Range: -20–160° F/-28–71° C

Operating Temp. Range: 20–130° F/-6–54° C

Weight: Purifier – 3.5 oz./99 g Complete Kit – 8 oz./227 g

Size: Purifier – 7 x 1 in./18 x 2.5 cm Complete Kit – 7 x 4 x 1.5 in./18 x 10 x 4 cm

Kit Includes: MIOX Purifier, salt, batteries, safety-indicator strips, instruction booklet, quick-reference card, and storage sack.