

PURE WATER ANYWHERE!

Otterpack - the first easy portable water purification system based on Reverse Osmosis!

Ensure clean, drinkable water is available before, during, and after a military mission, emergency or natural disaster. Energy independent, fully portable water purification system is the perfect addition to any army logistics, survival challenges or disaster preparedness plan.

Otterpack™ can supply up to 2 liters of pure drinking water per minute from any water source on the land. Operated manually or electrically (standard rechargeable battery), this system will protect against any chemical and/or biological contamination, including the most challenging harmful toxins. Otterpack™ meets or exceeds the standards set by the World Health Organization for drinking water quality.

Otterpack™ - the ultimate water purification station you can put in your backpack!

Contaminants Otterpack™ will take out



Bacteria & Viruses:

Dracunculus medinensis, Entamoeba, Salmonella, SARS-CoV, Hepatitis A, Coxsackie A, Vibrio cholerae, Escherichia coli...



Inorganic Chemicals:

Arsenic, Mercury, Asbestos, Cyanide, Selenium, Beryllium, Sodium, Chromium, Antimony, Nickel, Barium, Fluoride...



Organic Chemicals:

Dichloroethylene, Trichloroethane, Acrylamide, Benzene, Ethylene dibromide, Dioxin, Styrene, Xylenes, Vinyl chloride, Epichlorohydrin...



Pesticides/Herbicides:

Heptachlor epoxide, Toxaphene, Oxamyl, Endrin, Chlordane, Hexachlorobenzene, Endothall, Simazine...



Radionuclides:

Combined radium 226 228, Alpha emitters, Beta photon emitters, Gross alpha particle, Gross beta particle...





System specs

- ▶ Capacity LPH: 120 Liter per Hour
- ▶ Feed Pump Suction Lift: 12 Meters
- ▶ Manual Pump: Rotary Vane
- ▶ Electric Pump: Positive Displacement
- ▶ Membranes: (3) ea TFC 2.5" x 21"
- ▶ Gauges: Booster Pump & Post Filters
- ▶ Power: Li-Ion 24V Rechargeable Battery
- ▶ Operating Pressure: 6 - 8 Bar
- ▶ Connections: Quick Tubing Connectors
- ▶ Water Quality Monitor Inlet/Outlet: TDS
- ▶ Nominal Salt Rejection: 99%
- ▶ Unit Dimensions (cm): 70x45x45
- ▶ Weight: 19 Kg

Otterpack uniqueness

- Uncompromised filtration ✓
- Full energy independence ✓
- Light ergonomic portability ✓
- Self-priming pump ✓
- Swift 'plug & play' operation ✓
- Water quality monitoring ✓
- Filters backwash option ✓



Simex Defence Inc.

Simex Defence Inc is a provider of defence-related procurement and distribution services in aerospace, land, and marine applications. It is an approved manufacturer, supplier and contractor to the Canadian Government, US Government, NATO organisation as well as major Defence OEMs (Cage Code 3AH93). The company's quality control system is approved by ISO 9001:2015. Founded in 1994, Simex has quickly grown to become a major distributor of military parts with the largest proprietary database of suppliers and partners.