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SONICS MILPOD

FOR PORTABLE CONTAINED CBRN EXTRACTION



RAPID DEPLOYMENT IN ANY ENVIRONMENT

The Milpod is a specialist man portable stretcher used for extraction and treatment of a casualty that has been injured or contaminated in a CBRN environment. The system minimises cross contamination between infected or contaminated casualties and first responders, vehicles or aircraft used in casualty evacuation. Constructed from CBRN resistant materials, the MilPod can be deployed in approximately 15 seconds with a gas cylinder from a compact man portable stowage system to a fully operational mobile lab, requiring no additional parts to assemble. The Milpod consists of an inflatable base and frame and a casualty envelope, which the casualty is placed into.

The MilPod ensures full access to patients with glove positions in critical points such as the top and back of skull and its modular design allows components to be easily replaced. It is designed to withstand the most demanding of operational environments. It is the only product of its kind that can float on water and its incredibly robust structure ensures the unit can be dragged over ragged terrain without sustaining damage when carrying is not an option.



MILPOD FEATURES & BENEFITS

FEATURE	BENEFIT
Rapid/Ease of deployment (especially at night)	Intuitive deployment reduces risk and enables user to attend to casualty quicker, therefore saves more lives
Specifically designed by and for SOF Medics	Ergonomically designed for intuitive use. Results in speedier treatment and will therefore save more lives
Can be preloaded with medical equipment	Rapid front line support, resulting in casualties being treated quicker, therefore saving more lives
Rugged design	Can be used in all terrains and re-used. Therefore TLC savings achieved
Integrated storage pockets	Ergonomically designed for intuitive use. Results in speedier treatment and will therefore save more lives
Specific access to head/air way treatment	Ergonomically designed for intuitive use. Results in speedier treatment and will therefore save more lives
Floatation	Inflatable construction provides flotation and enables mobility across open and moving water up-to Grade 2* *International scale or river difficulty - American Whitewater Association
Controlled environment >18 Air changes an hour, with the option to control inside temperature	Aids patient treatment and comfort. Therefore save more lives
Built in Stretcher	Eliminates the need to transfer to other stretcher. Results in speedier treatment and less patient trauma, will therefore save more lives
Integrated bodily waste drainage system	Ergonomically designed for intuitive use. Results in reduced contamination risk will therefore save more lives from cross contamination
Replacement isolation pod bag (Envelope)	Envelope can be separated from Air-beam Frame, becomes a consumable item and reduces cost burden
Dual use - Autopsy/Body Bag	Envelope can be separated from Air-beam Frame, becomes a consumable item and reduces cost burden
Increased visibility compared to conventional systems	Envelope can be separated from Air-beam Frame, becomes a consumable item and reduces cost burden
Easy decontamination	Reduced cycle time and improved availability. Therefore reducing cost
Reduced bulk	Rapid front line support, resulting in casualties being treated quicker, therefore saving more lives
Reduced logistics burden	Envelope can be separated from Air-beam Frame, becomes a consumable item and reduces cost burden
Auto Inflation (Optional)	Deployment in less than 15 seconds aids quicker patient care
Heating / cooling (optional)	Aids patient comfort and improves survivability
Aids patient comfort and improves survivability	Prevents cross contamination
Field Repair Kit	Reduces cost burden

WHEN INNOVATION LEADS TO BETTER...

Structure designed
to float on water

Manufactured from
Hypalon (Milipod frame)

Transfer pocket

Air Blower can either push
or pull air through the
system to create a positive
or negative pressure
environment within the
isolation chamber.

Blower produces 55 to
61dB reducing likelihood
of being detected to a
minimum.

Fully integrated
stretcher.

x12 carry handles

x3 adjustable straps and
closed by plastic buckles

Integral
equipment bags



IN EVERY WAY.

Inflated to
20PSI +/- 2PSI

Patient respiratory
access points

Manufactured from PVC
(patient screen)



Filter attachment points
conform to NATO standard
screw fitting

x2 deflation plugs

Inflate/deflate valve



7x pairs of gloved
access points.

x4 drainage bags



TECHNICAL SPECIFICATION

Dimensions	2200mm(L) x 760mm(W) x 660mm(H)
Weight	15kg
Replaceable / reusable POD chamber material	Glass clear .2 Gage PVC
Glove ports	.2 Gage natural PVC
Airflow	Negative pressure system 13.5 Air changes per hour Airflow 80 Litres /min/Positive pressure 18 Air changes at 120 Litres /min
Battery type	500 recharging cycles
Run time	Negative Pressure exceeds 10 hours/Positive pressure exceeds . 8.5 Hours
Power unit	System set to maintain constant required level of airflow through out the operating period
Hot swap out of Battery capability	
Inflation	Re-usable air pressure cylinder/mechanical pump
Canister types	All filter connections are via the 40mm standard NATO thread
Glove types availability	From 5mil to 16mil medical grade to CBRN approved gloves available. Fitted to clients field operational requirements
Packaging	Standard commercial packaging/Military packing available for mission critical operations

Rapid deployment in the most demanding of operational environments

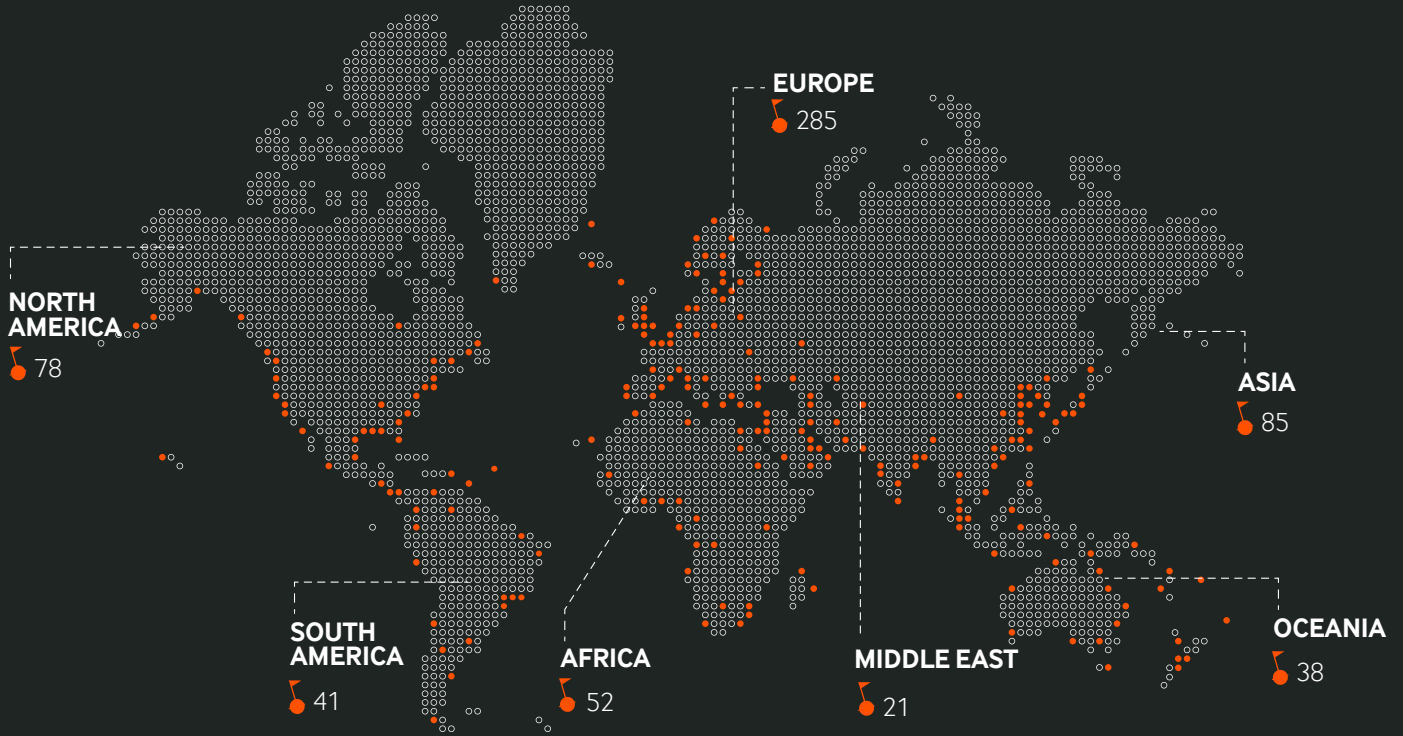
Design optimised for immediate care administration

Developed by specialist team of SOF medics

Maximizes survival rates in a CBRN environment

THE WORLD'S LARGEST SAFETY SURVIVAL FOOTPRINT

GLOBAL DEPLOYMENT ANY WHERE ANY TIME.



8

World class
manufacturing sites

3000

Survitec
employees

100

Wholly owned
service stations

500

3rd party
service stations

3500

Qualified service
technicians





GET IN TOUCH

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