

# CTMP®

Portable Isolation Chamber

## About CTMP

The CTMP is a mobile transport chamber that protects the patient or the external environment from any cross-contamination that many occur during transport (land or air).

The unit was developed at the request and in collaboration with the French Army Health Service. After two years of development supported by ANVAR, the first 11 units have been delivered to the French Army Health Service. Initially designed for the transport of biologically contaminated patients, the **CTMP** has aroused the interest of various **emergency medicine departments**.



### AUTONOMY / BATTERY

- CTMP allows uninterrupted power supply for **6 hours**.
- Unlimited on 12 VDC** or 110-240 VCA / 50-60 Hz
- External power supply Battery Changing with 110-240 VCA / 50-60 Hz



### MEDICAL CARE ON SITE

For optimal treatment during transport, the CTMP has six medical entry points with a diameter of 4 cm to 22 cm allowing the use of all types of equipment medical and access to the entire body of the patient.



### PROTECTION

Designated in France as the only equipment authorized for the transport of a patient with infectious disease EBOLA.



### EASY TO USE

- Charging and battery usage is simplified to the extreme to allow the medical team to focus solely on care.
- Control screen with audible and visual alarms.



### EMS SYSTEM COMPATIBLE

Fixing to the ground of a ambulance or aircraft by an approved system.



### POSITIVE / NEGATIVE PRESSURE

Overpressure (+60 Pa) or depression (-50Pa) of patient by simple and secure switching.



### EBOLA

The level of containment obtained by the CTMP allows protection of the environment (medical personnel, means of transport, environment) or of the patient himself.



### OPTIMAL PATIENT COMFORT AND SAFETY

- CTMP has been specially designed for optimal patient comfort.
- Patient immobilization by 3-point harness.
- Visual communication and permanent voice with the patient to avoid the feeling of claustrophobia.



## AIR FILTERING TECHNOLOGY

CTMP can operate in negative or positive / negative pressure (depending on the model) which allows a wide range of uses within the hospital.



**positive pressure: for the transport of patients that need protection due to an immune deficiency: Bubble baby, aplasia, etc.**



**negative pressure: for transporting a patient infected or suspected of being biologically contaminated and in particular in cases of: viral hemorrhagic fever, SARS, smallpox.**

## OPTIONS

- 3-point rack trolley according to standards EN 1789 and EN 1865
- Ambulance / aircraft fixing systems.
- Maintenance contract

## TECHNICAL DATA

Battery life (h)	6
Positive pressure	✓
Positive pressure @ ground level (Pa)	(+) 60
Negative pressure	✓
Negative pressure @ ground level (Pa)	(-) 50
Intake filtration	H14
Outlet filtration	H14
Filtration performances	99,995% [EN 1822]
Air renewal rate (Vol/h)	35
Power supply	12 V DC 110-230 V AC 50 - 60 Hz
External dimensions (L x w x h mm)	2150 x 650 x 650
Internal dimensions (L x w x h mm)	2000 x 600 x 600
Empty weight (kg)	40
Panoramic canopy	✓
Double hull with internal rounded angles	✓
Patient support sling	✓
Handling gloves	6
Airtight connections (Medical links)	6 connections
Control board with control screen	✓
Onboard computer	✓

## ADVANTAGES OF CTMP

The use of the CTMP allows for "stress-free" patient transport



For the medical teams in charge of patient transportation because:

- they are protected from any risk of contamination
- they are able to use their own medical devices and doesn't require any additional training
- they can focus 100% on the patient because handling the CTMP no longer requires any manipulation once the patient is in place and the system is running



For paramedics who will not need:

- to put on protective clothing / masks and won't need to decontaminate their means of transport



For the staff of the receiving hospital who will be able to:

- Prepare to welcome the patient with confidence and apply protocols without risk of contamination of premises, staff and other patients
- Decontaminate the CTMP without difficulty using the products already present in the hospital



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