



Global knowledge local solution

March 26, 2020

Dear Sir/Madam,

The new IsoT 505™ system by SYS Technologies provides clean, isolated environment. It is a modular mobile unit for hospitalization of patients under isolation environment.

IsoT 505™ system uses negative air pressure technologies to provide effective, versatile and simple solution for creating an isolation environment - anywhere, anytime, by anyone.

The following images shows actual system deployed for one of our customers:





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Specifications (included in price):

1. Construction, Roofing and built-in equipment -
 - 1.1. Aluminum frame with a high torque inertia for higher resistance to and HD modular connectors.
 - 1.2. Shell and roofing – aluminum frame and PVC
 - 1.3. Floor: Birch wood with a laminate with epoxy antibacterial laying on metal construction
 - 1.4. Double sleeve in the treatment room to enable X-ray cassette out into the system, without contact with the interior space.
 - 1.5. Safety mirror (50*160 cm) in the antechamber.
 - 1.6. Four built frames for posters/handouts quick replacement.
 - 1.7. Medical monitor rack.
 - 1.8. Ten NT-C1 Manual beds

2. Entryway
 - 2.1. Double doors.
 - 2.2. Opening door warning system.

3. Negative Pressure Filtration System
 - 3.1. Triple filtration system using negative air pressure technology with prefilter, electrostatic filter and HEPA H14 filter.
 - 3.2. More than 30 exchanges ((-12) - (-20) PA) per hour.

4. Climate control system
 - 4.1. HD mobile climate control system (heating/cooling) with temperature controllers, controlled by remote control (working conditions outside 4°C-35°C).



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5. Built-in sanitation unit

- 5.1. Built-in double sanitation units within the IsoT 505™ system interior, which includes separated showers, sinks and toilets.
- 5.2. The sanitation units made of extruded aluminum profiles and hardened polymer material.
- 5.3. A mapping showers including doors.
- 5.4. Additional water drainage units with one-way valve.
- 5.5. Guard rails for toilets.
- 5.6. Safety mirrors over the sinks.
- 5.7. Sealed transparent entrance door.
- 5.8. Accessories.

6. Chlorination system and automatic / computerized fluid removal

- 6.1. The chlorination system automatically directs liquids and solids to sewage.
- 6.2. A digital controller to control chlorine concentration.
- 6.3. Storage tanks including mixing unit.
- 6.4. Toilet discharge and grey wastewater.

7. Water supply system

- 7.1. Container 1,000 liters
- 7.2. Average per person for 7 days.
- 7.3. Flow pump.
- 7.4. Synchronization pump.

8. **Price:**

IsoT 505™ system 10 Technologies beds negative pressure system (according to specification)

*Payment terms:*50% with order, 50% prior to delivery.



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Delivery Terms: ex-works, Israel.

Production Time: 3-4 weeks



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1. Addition equipment not Included in price:

No of equipment	Equipment unit name	Description	Price per unit in euro
1	Video control per bed		
2	ABS Bedside Table	<ul style="list-style-type: none"> - Size: 480*480*760mm - Material: The body of this cabinet is fully made of ABS material. - Construction: one drawer, one door, one dinning board between them, two towel hangers on each side, one cup holder. 	
3	NT-C1 Manual bed	<ul style="list-style-type: none"> - Overall size: (L*W*H) 2150*950*500mm. Weight: 250kg. - Frame: steel, treated by sandblasting and electrostatic powder-coating. - Bed board: 2 parts steel. - Headboard & footboard ABS. - Castors: four silent wheels with cross brakes (φ125mm). - Standard accessories: I.V pole 1pc, IV pole holes 4pcs, Drainage hooks 2pcs function backrest max upward angle 70°. 	
4	Bed head unit	<ul style="list-style-type: none"> - 10 electrical sockets - LED lightning - medical gases (2 Oxygen sockets, 1 Air socket and 1 Vacuum socket) 	

Addition equipment Options (continues)

	Equipment unit name	Description	Price per unit in euro
5	ICU Hospital Bed	<ul style="list-style-type: none"> - Overall size: (L*W*H) 2230*1050*520-760mm; platform size: 1960*900mm. - Frame: steel, treated by sandblasting and electrostatic powder-coating. - Headboard, footboard and Side rail ABS. - Rail controller: embedded on side rail at head side. - Nurse controller: embedded on footboard - all functions can be operated from it. There are locks to control wrong operation by patients themselves from the side rails. - Alarm system 	
6	Defibrillator	- Philips heartstart XL	
7	Patient Monitor	- Criticare 8100	
8	Respiratory ventilator	- Flight 60	
9	Anti-decubitus mattress with motor included		
10	Infusion pumps	- AKAS	
11	Syringe pumps	- AKAS	
12	AMBO		
13	Procedure lamp	- Bestram	
14	Stethoscope	- Littmann	



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ABS Bedside Cabinet BT-AL002

Size: 480*480*760mm

Material: The body of this cabinet is fully made of ABS material

Construction: one drawer, one door, one dinning board between them, two towel hangers on each side, one cup holder



Crank Manual BT-AM302

Hospital Bed Features:

- 1) Overall size (L*W*H):2150*950*500mm
 - 2) Frame: steel, treated by sand-balsting and electrostatic powder-coating
 - 3) Bedboard: steel,2-part
 - 4) Headboard/footboard:ABS,Detachable
 - 5) Castors: four silent wheels with cross brakes, ϕ 125mm
 - 6) Weight load: 250kg
 - 7) Standard accessories:I.V pole 1pc, IV pole holes 4pcs, Drainage hooks 2pcs
- 1-function:
- 1) Backrest max upward angle: 70°



1.1. Medical equipment for every bed ICU (Electric Bed, Patient monitor, defibrillator, ICU Ventilator Machine, Laryngoscopy) 18.870 €

5-Function Electric Hospital Bed, Weighing Type BT-AE016

Features:

- 1) Overall size (L*W*H):2230*1050*520-760mm, platform size:1960*900mm
- 2) Frame: steel, treated by sand-balsting and electrostatic powder-coating
- 3) Headboard/footboard:ABS,Detachable
- 4) Side rail: Detachable, ABS
- 5) Rail controller: embedded on side rail at head side
- 6) Nurse controller: embedded on footboard,all functions can be operated from it,and there are locks to control wrong operation by patients themselves from the side rails.
- 7) Motor: Linak motor from Denmark,with backup batteries



8) Weighing function: accuracy 0.1KG(0.05KG, 0.02KG optional);

9) Alarm system: once patients get out of bed, the alarm works

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Construction: one drawer, one door, one dinning board between them, two towel hangers on each side,one cup holder



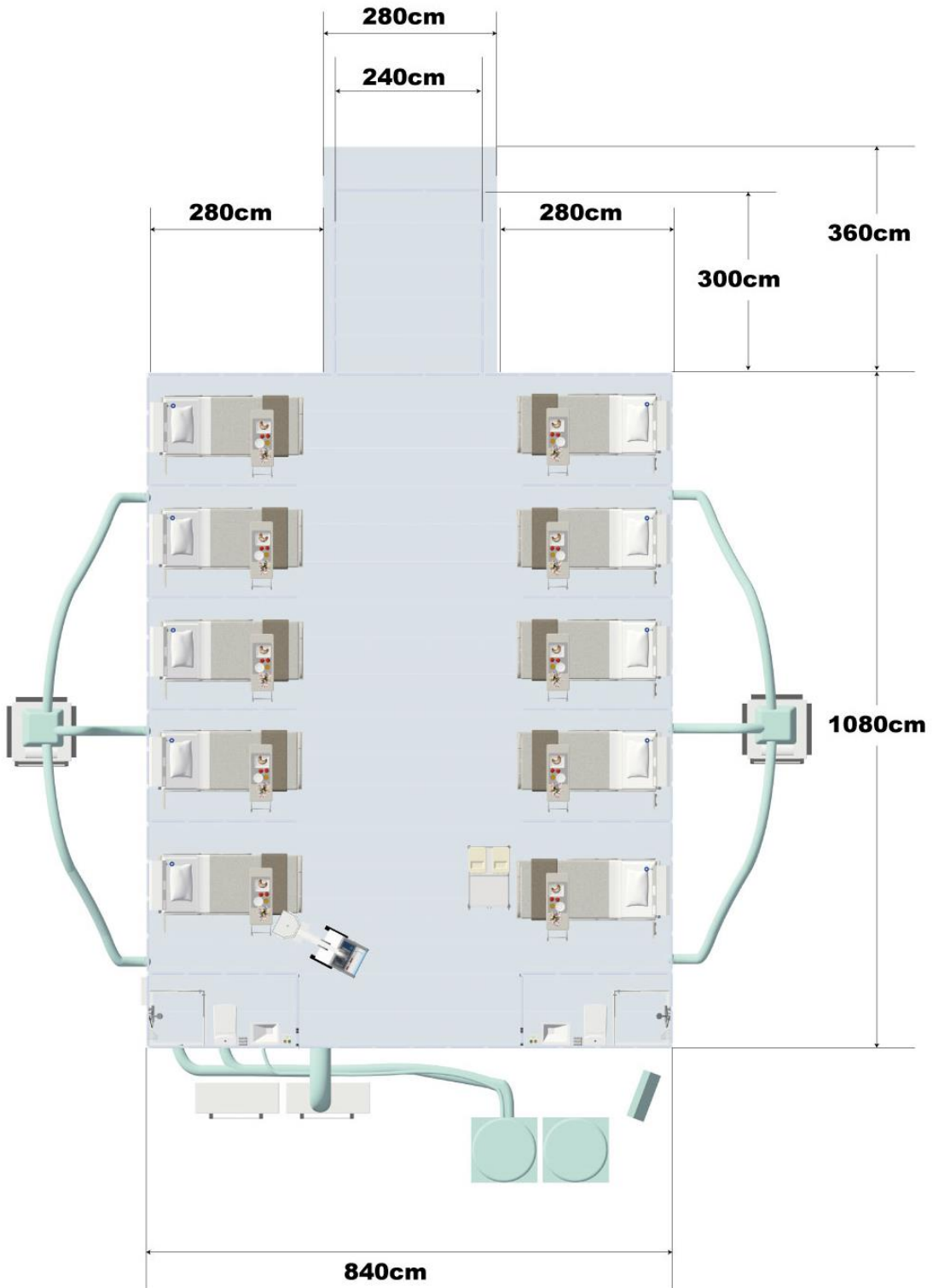
10. Extending system optional:

Description	Price extending
2 beds Construction addition	
Negative pressure system	
fluid removal system	
climate control system	
Additional sanitation unit	

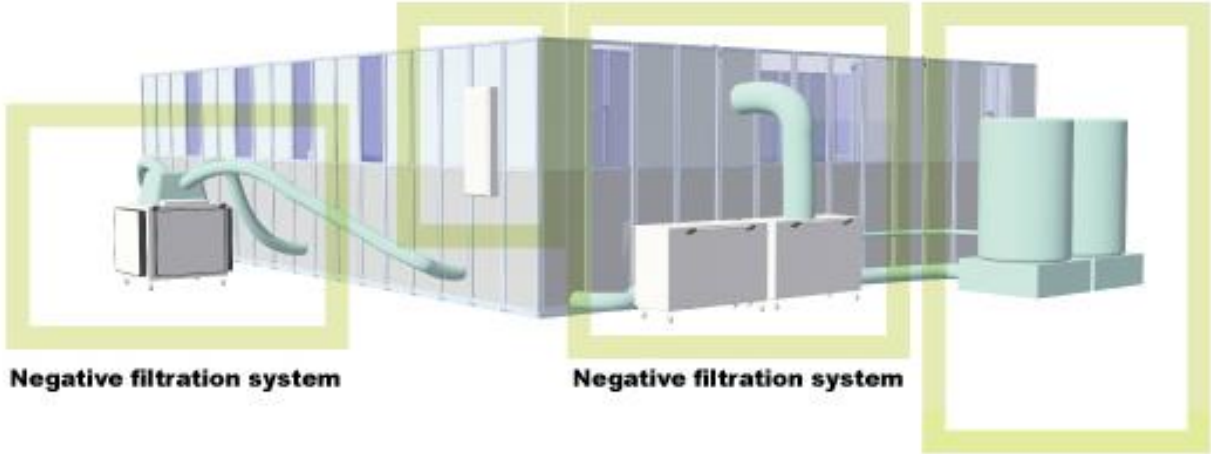


Must be added from 11th bed up to 20th bed.

11. System layout (for 10 beds)



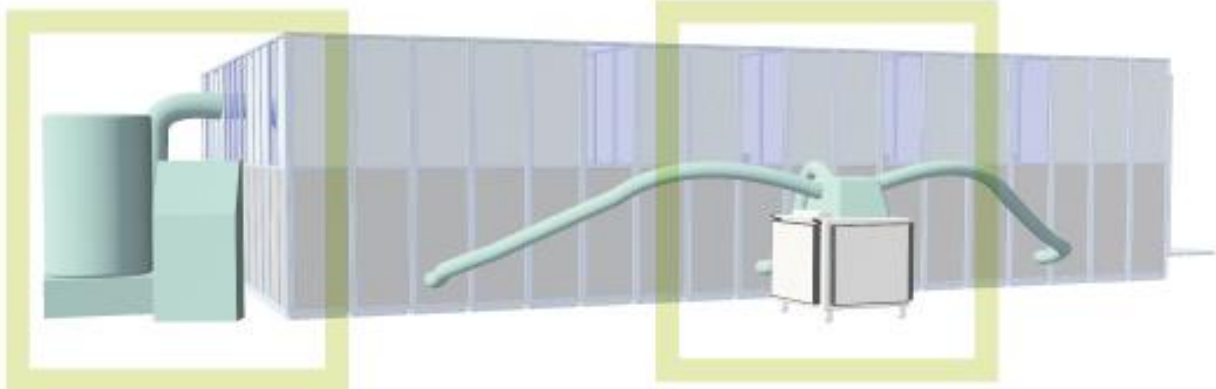
Electrical cabinet



Negative filtration system

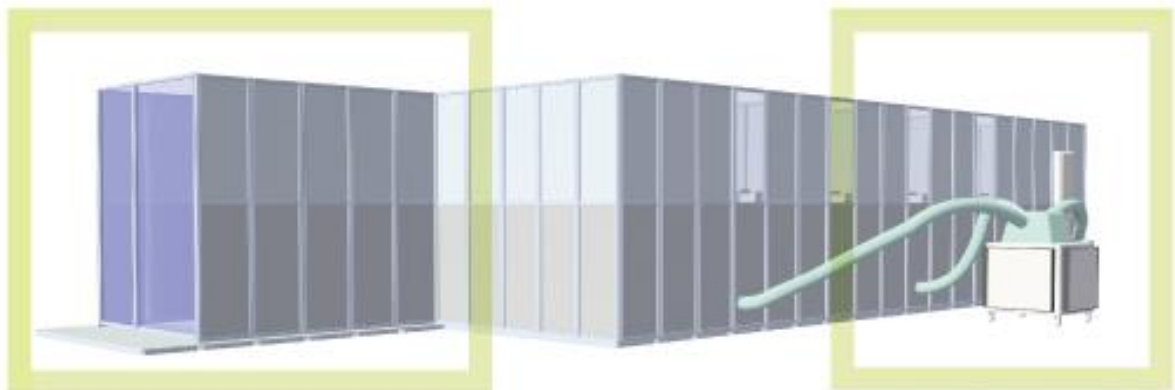
Negative filtration system

Automatic Chlorination System



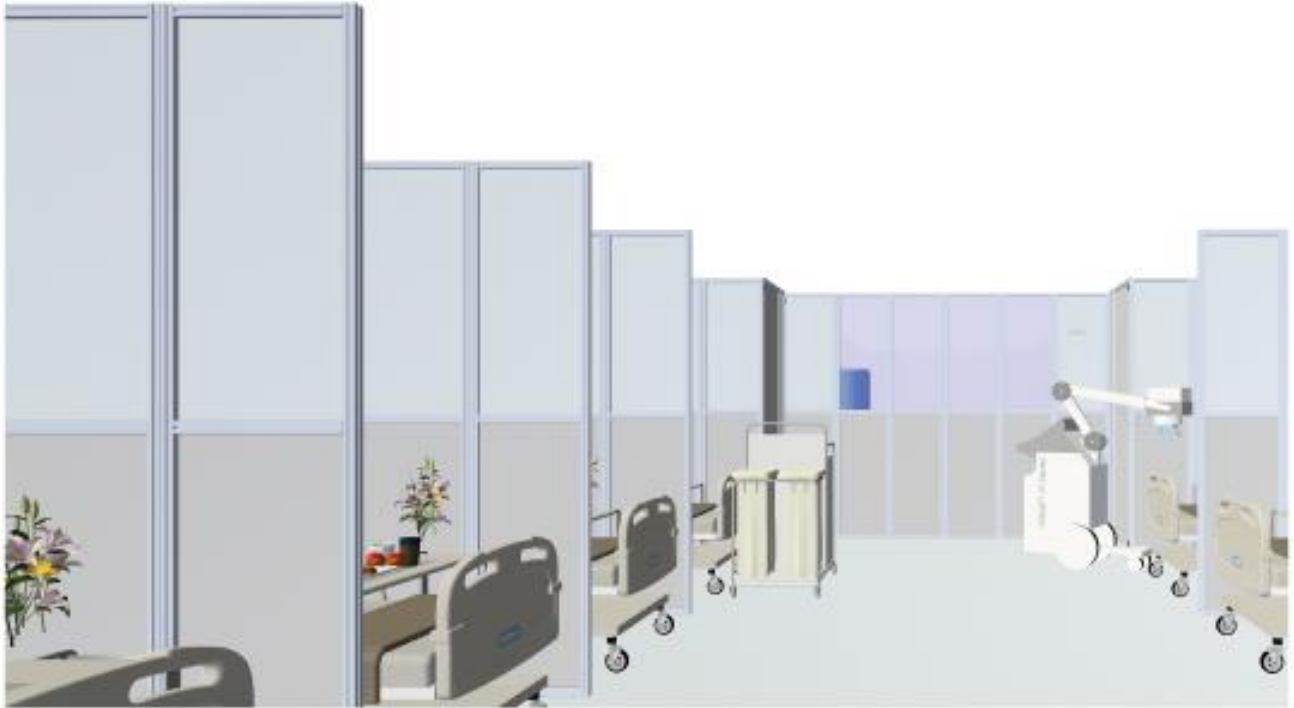
Automatic Chlorination System

Negative filtration system



Negative entrance to the insulation room

Negative filtration system



interior look





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