



# US4 Ambulance

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US4 Standard Trim Ambulance

US4 High Trim Ambulance

Medical Appliance

AUTOCARE Hybrid Air Sterilizer

※ Some of the parts and specifications may be changed or modified to improve the performance of the vehicle.

US4 STANDARD TRIM AMBULANCE

SIMPLE BUT PRACTICAL AND CONVENIENT:  
THE US4 STANDARD TRIM AMBULANCE

This new concept ambulance is simple but practical. Furthermore, the US4 Standard Trim Ambulance has a large rear cabin and medical equipment that are provided as standard.

EXTERIOR FEATURES

- 1. Speaker : 75W, 8Ω
- 2. Warning Lamp : Front/Rear Warning Lamps with select colors
- 3. Ventilator : High-Performance with 4 functions
- 4. Siren : In compliance with domestic laws and regulations
- 4. \* Mark Customized for Clients

INTERIOR FEATURES

Movable Light, Main Stretcher (fixed), Sub Stretcher, First-Aid Kit, Bench, Fixed Standing Cabinet, Oxygen Cylinder, Ventilator, LED Room Lamp, IV Hook, Half Cover Partition, Controller Box, Fire Extinguisher

OPTIONS \*

A. Linked Type Stretcher

This linked type stretcher is used for rapid, convenient and safe lifting & transfer of a patient. It can be handled by only single person.

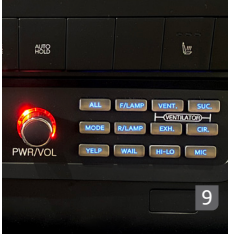
B. Chair Type Stretcher

This stretcher can be transformed to a chair which provides choices for an EMS person when he/she carries a patient in different circumstances.

C. Long Chair Backrest

D. FRP for Side Window

E. LED Type Warning Lamp



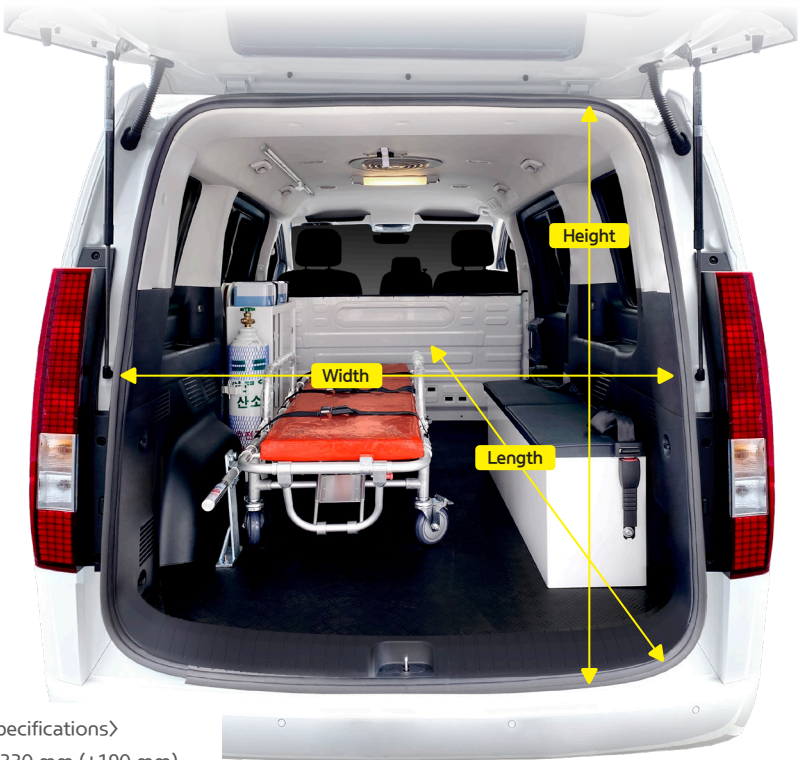
STANDARD EQUIPMENT

- 1. Main Stretcher (Fixed)
- 2. Sub Stretcher
- 3. Half Cover Partition
- 4. Fixed Standing Cabinet & Oxygen Cylinder  
A double-stacked cabinet provides excellent storage space for medicine.
- 5. Bench and Under Seat Storage  
Two persons can be seated with separate seatbelts. Medical items can be stored under the seat.
- 6. Fire Extinguisher
- 7. IV Hook
- 8. Movable Light, LED Lamp and Ventilator
- 9. Controller & Microphone  
Emergency warning lamps and a microphone are efficient communications tools during an emergency. Furthermore, three kinds of siren sounds are provided to correspondence to different situations.
- 10. First Aid Kit

※ Warranty : 1 year from the date of delivery / 20,000 km

- Parts and repair manual will be couriered to our customers without cost within 1 year.
- Necessary process to verify what caused failure is required in advance.
- A/S is subject to conversion parts.

- 〈Warning Lamp Type〉
- Rotary Type Warning Lamp
  - LED Type Warning Lamp (\* Option)



〈Interior Specifications〉  
Length : 2,330 mm (+190 mm)  
Width : 1,350 mm (+85 mm)  
Height : 1,327 mm




# US4 HIGH TRIM AMBULANCE

## EFFICIENT, EFFECTIVE, READY FOR ANY SITUATION: THE US4 HIGH TRIM AMBULANCE

The US4 High Trim Ambulance provides practical as well as plentiful equipment for any in-ambulance operation.

### EXTERIOR FEATURES

- 1. Speaker : 75W, 8Ω
- 2. Warning Lamp : Front/Rear Warning Lamps with select colors
- 3. Ventilator : High-Performance with 4 functions
- 4. Siren : In compliance with domestic laws and regulations
- 4. \* Mark Customized for Clients 

### INTERIOR FEATURES

Movable Light, Built-In Cabinet, IV Hook, Flap Type Door Oxygen Cylinder, Main Stretcher(fixed), Sub Stretcher, Ventilator, 2 LED Room Lamps, Bench, Full Cover Partition, Controller, Fire Extinguisher, Folding Seats

### OPTIONS \*

#### A. Linked Type Stretcher

This linked type stretcher is used for rapid, convenient and safe lifting & transfer of a patient. It can be handled by only single person.

#### B. Chair Type Stretcher

This stretcher can be transformed to a chair which provides choices for an EMS person when he/she carries a patient in different circumstances.

#### C. Folding Type Chair

Folding seat for emergency medical persons allow more space when not in use.

#### D. Long Chair Backrest

#### E. FRP for Side Window

#### F. LED Type Warning Lamp

#### G. 2 Terminal Unit Oxygen Supply System

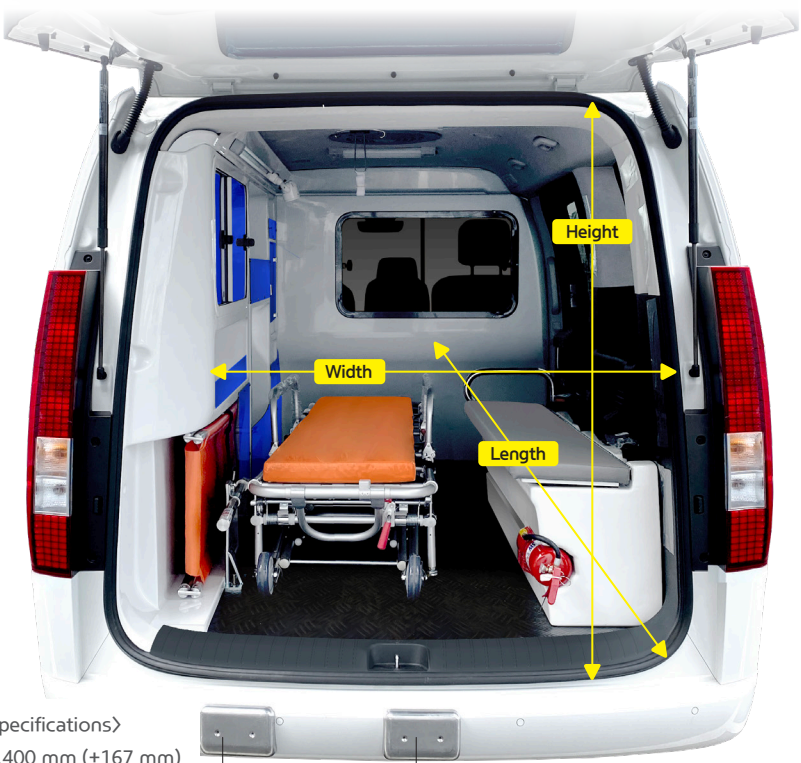
#### H. 3 Terminal Unit Oxygen Supply System

#### I. Inverter



<Warning Lamp Type>

- Rotary Type Warning Lamp
- LED Type Warning Lamp (\* Option)



<Interior Specifications>

Length : 2,400 mm (+167 mm)  
Width : 1,200 mm (+50 mm)  
Height : 1,327 mm

Bumper Guard (Link Type Only)

### STANDARD EQUIPMENT

1. Main Stretcher (Fixed)
2. Sub Stretcher
3. Full Cover Partition
4. Built-In Cabinet  
Side wall storage space for various medical items facilitates prompt responses to emergency situations.
5. Bench and Under Seat Storage  
Two persons can be seated with separate seatbelts. Medical items can be stored under the seat.
6. Fire Extinguisher
7. Movable Light, 2 LED Lamps, IV Hook and Ventilator
8. Controller & Microphone  
Emergency warning lamps and a microphone are efficient communications tools during an emergency. Furthermore, three kinds of siren sounds are provided to correspondence to different situations.
9. Oxygen Cylinder

※ Warranty : 1 year from the date of delivery / 20,000 km

- Parts and repair manual will be couriered to our customers without cost within 1 year.
- Necessary process to verify what caused failure is required in advance.
- A/S is subject to conversion parts.

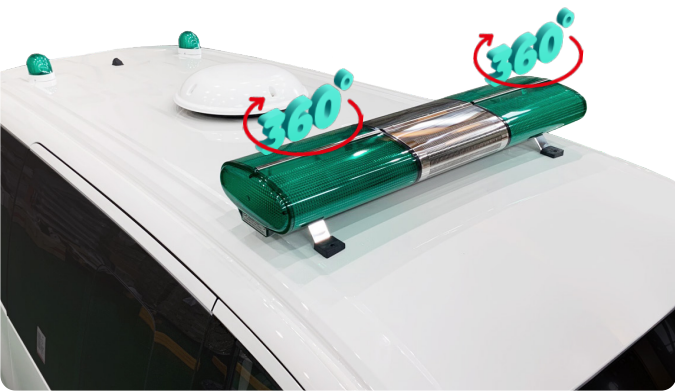


US4 AMBULANCE – DETAIL VIEW

EXTERIOR FEATURES



INTERIOR COMPARISON WITH STANDARD TRIM AMBULANCE  
AND HIGH TRIM AMBULANCE



Lamp Type : Rotary Type Warning Lamp / LED Type Warning Lamp  
Color : Green or Red or Blue



US4 Standard Trim Ambulance Interior (1)



US4 Standard Trim Ambulance Interior (2)



Mark Customized for Clients (Blue Cross, Green Cross, Red Cross, Red Crescent and Green Crescent)



US4 High Trim Ambulance Interior (1)



US4 High Trim Ambulance Interior (2)



MEDICAL APPLIANCE

PACKAGE A

\* It may contain a different product of the same class from the picture.



First Aid Kit  
PM2072, Flambeau (USA)



Oxygen Cylinder  
Made in Korea



Intubation Kit  
Hudson (USA)



Manual Resuscitator  
S-660 Series, Vadi Medical(Taiwan)



Plastic Scoop Stretcher with Pin  
65EXL, Ferno-Washington (USA)



Braun Digital Ear Thermometer  
IRT-6520, Kaz (Swiss)



Adult Pocket Aneroid/Scope Kit  
Pro's Combo II, ADC (USA)



Mask Set (Face Mask, Non-Re-  
breathing Mask)  
MOW Medical (Korea)

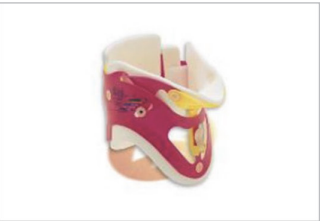
PACKAGE B



Medical Splint  
SKB2D010 (011,012),  
Jiangsu Saikang Medical (China)



Portable Resuscitator  
MicroVent CSI-3000,  
Chosun Instrument (Korea)



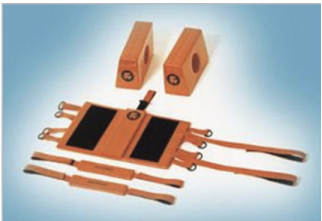
WizLoc Cervical Collar  
449, Ferno-Washington (USA)



Frac-Immobilizer  
665-5 (4,2),  
Ferno-Washington (USA)



Plastic Backboard  
Millennia,  
Ferno-Washington (USA)



Universal Head Immobilizer  
445, Ferno-Washington (USA)



Nebulizer  
PY-001, Pu Yuan Biotech (Taiwan)



Console for Walkie Talkie  
F88060, Sungwoo Motors (Korea)



Vacuum Splint  
190, Ferno-Washington (USA)

PACKAGE C

\* It may contain a different product of the same class from the picture.



Emergency Suction Unit  
Allegra M30, ASSKEA (Germany)



Kendrick Extrication Device  
PM2072, Flambeau (USA)



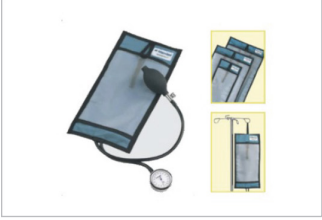
Catheter I-GEL  
Intersurgical (UK)



Pelvic Sling  
MES-PVS, MesKorea (Korea)



Traction Splint  
444, Ferno-Washington (USA)



Pressure Infusion Bag  
5275, Riester (Germany)

PACKAGE D



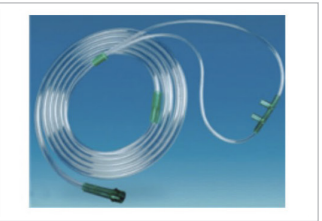
Intubation Kit  
Hudson (USA)



Adult Pocket Aneroid/Space Kit  
Pro's Combo I , ADC (USA)



Carry Sheet  
CST-05, Red Leat (China)



Nasal Cannula (Adult, Child)  
MN251, 252 MOW Medical (Korea)



Face Mask (Adult, Child)  
MOW Medical (Korea)



Non Rebreathing Mask  
(Adult, Child)  
MOW Medical (Korea)



Air Splint  
663, Ferno-Washington (USA)



Pressure Infusion Bag  
5275, Riester (Germany)



Braun Digital Ear Thermometer  
IRT-6520, Kaz (Swiss)



Catheter I-GEL  
Intersurgical (UK)



Neck Collar  
Pergit Ace AMBU (Denmark)



MEDICAL APPLIANCE

PACKAGE E

\* It may contain a different product of the same class from the picture.



Portable Resuscitator  
MicroVen T CSI-3000,  
Chosun Instrument (Korea)



Emergenct Suction Unit  
Allegra M30, ASSKEA (Germany)



Nebulizer  
PY-001, Pu Yuan Biotech (Taiwan)



Reusable Resuscitator  
Mark VI / Baby R, AMBU  
(Denmark)



Blood Pressure Monitor  
HBP-1300m, OMRON (Japan)



Professional Trauma Bag  
MB5107, Ferno-Washington (USA)



Tourniquet  
Han-01, Hans Medical (Korea)



Hemostatic Gauze  
Celox-EMS, Medtrade (UK)



Burn Free Kit  
Burn Free, AKLA AB (Sweden)



Disposable Stretcher Sheet  
BED-104-ST, KMHealthCare (Korea)



ADLITE PRO  
355BK, ADC (USA)



Sharp Needle Disposal Container  
HS-NB-1000, Hyupsung (Korea)



Stainless Steel Curved Tray  
CY3340,Chunyangsa (Korea)



OB Emergency Delivery Kit  
Contents Manufactured by Vari-  
ous Companies



Shears  
Raptor, Letherman (USA)

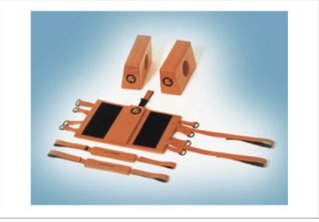
PACKAGE F



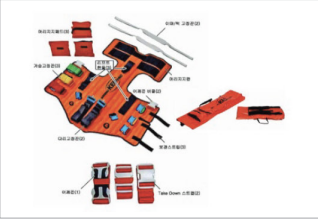
Plastic Scoop Stretcher with Pin  
65EXL, Ferno-Washington (USA)



Frac-Immobilizer  
665-5 (4,2), Ferno-Washington (USA)



Universal Head Immobilizer  
445, Ferno-Washington (USA)



KED  
KED Pro, Ferno Australia (Australia)



Pelvic Sling  
MES-PVS, MesKorea (Korea)



Vacuum Splint  
272105000, Germa (Sweden)



Carbon Fibre Spineboard  
Contents Manufactured by Vari-  
ous Companies



SAM Splint  
Seaberg Company (USA)

CHUNGWOO TECH

ABOUT US

CHUNG WOO TECH Co., Ltd. is officially designated partner company of HMC / Kia, specialized in producing special vehicles and customization of domestic and export vehicles.  
By participating in HMC / Kia's future mobility business, which involves electric vehicles, hydrogen vehicles, and PBVs, we want to achieve a future-oriented and eco-friendly special vehicle business.

CEO

Founded

Business Area

Website

No. of Employees

Annual Revenue

Dong-Chan Park

June 13, 2000

Special Vehicle, Customization, Auto Parts

Domestic: [www.atrex.co.kr](http://www.atrex.co.kr) / Export : [www.cwtech.kr](http://www.cwtech.kr)

182 (2024)

₩ 51 billion (2023 Estimates)

BUSINESS LOCATIONS

Plant 1  
(Ulsan)



Site Area : 4,835 m<sup>2</sup>  
Floor Space : 2,298 m<sup>2</sup>  
Main Operation : Customization

Plant 2  
(Ulsan)



Site Area : 10,327 m<sup>2</sup>  
Floor Space : 3,123 m<sup>2</sup>  
Main Operation : Special Vehicle

Plant 3  
(Gyeongju)



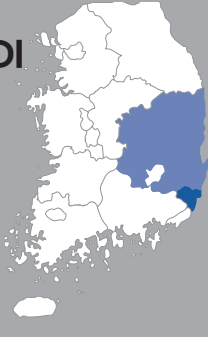
Site Area : 16,173 m<sup>2</sup>  
Floor Space : 16,793 m<sup>2</sup>  
Main Operation : Special Vehicle /  
Painting / Seat

Plant 4  
(Asan)



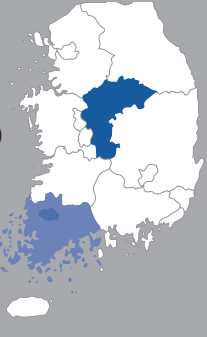
Site Area : 6,465 m<sup>2</sup>  
Floor Space : 2,013 m<sup>2</sup>  
Main Operation : Special Vehicle

HMC PDI  
(Ulsan/  
Chilgok)



HMC Ulsan PDI  
: PIO Nav.  
HMC Chilgok PDI  
: Customization

KIA PDI  
(Chungju/  
Pyeongdong)



Kia Chungju PDI  
: Customization  
Kia Pyeongdong PDI  
: Customization



AUTOCARE – HYBRID AIR STERILIZER

HEALTH CARE FOR DRIVER’S LIFE

Our daily life has changed since COVID-19 in the Pandemic Era. Virus prevention is no longer an option, but a necessity. Viruses exist everywhere in daily lives. And we’re especially more vulnerable in enclosed space. AUTOCARE can be installed anywhere in your daily life.

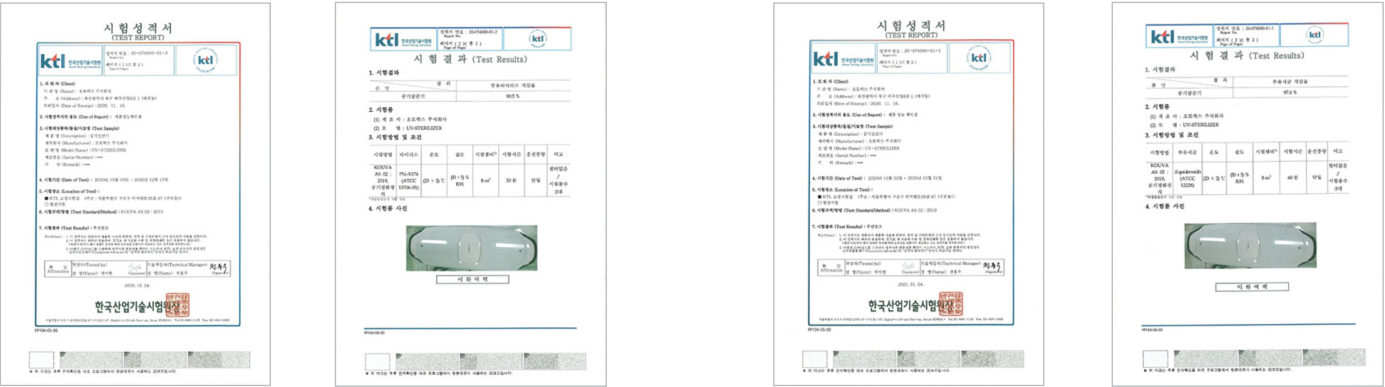


AUTOCARE IS ANYWHERE IN ENCLOSED SPACES

AUTOCARE protects you to the new viruses, odors and germs. It is the proven sterilization performance from Seoul Viosys LED modules. Also it can see more higher sterilization rate compared to competitors’ products.



TESTED BY KOREA TESTING LABORATORY (KTL)



<Airborne Virus Reduction Rate>

<Airborne Bacteria Reduction Rate>

6-STEP DUAL SYSTEM THAT CAN BE FOUNDED ONLY IN AUTOCARE

Using the photocatalyst, UV-C, and UV-A LED method, instead of a physical filter of a generic air purifier, it completely sterilizes the air with “6-Step Dual System” for harmful substances that cannot pass through the filter.

- UVC**  
Causes metabolic disorders to bacteria by altering their DNA within cells and eradicates them by eliminating their reproductive abilities
- UVA + PHOTOCATALYST FILTER**  
Sterilizes not only viruses and bacteria, but also breaks down odors and harmful gases into CO2 + H2O, which is harmless.

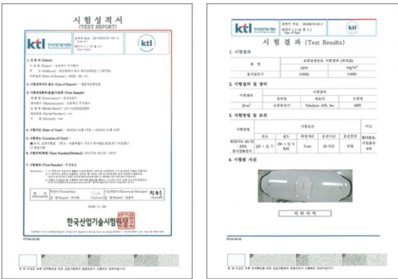


EMBEDDED STYLE : CONVENIENCE, PRACTICALITY, NATURAL DESIGN

The LED function is fully implemented so that it can be disassembled and assembled at the existing lighting location. It is also very easy to install By applying the embedded style. It feels natural with the interior of the vehicle. (Can be installed on both old/new buses)

AUTOCARE DOSE NOT STOP AT STERILIZATION

There’s no need to worry about the filters that were considered problematic with existing sterilizers and the occurrence of harmful elements from negative ion generator. Thanks to the sealed design and the UV LEDs, our product can protect users from UV exposure and it is ozone-free! Also, AUTOCARE continues to pursue ease of use. The washable-type filter can be cleaned easily and its semi-permanent lifespan allows for convenient maintenance.



Test report showing no ozone generated from the sterilization device

AUTOCARE PRODUCT DEMO ON PUBLIC BUS



Public Bus (Ulsan\_Republic of Korea)

Public Bus (Seoul\_Republic of Korea)

Public Bus (Russia)



※ Depending on the time of publication, images may differ from the actual product.

For instance, the color of a picture in the print may vary slightly from the actual color due to the printing process.



**CHUNG WOO TECH Co., Ltd.**

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**CONTACT**

(Tel) 82-1833-8336  
(Fax) 82-(0)52-276-5084  
manager@cwtech.kr

**LOCATION**

36, Maegoksaneop 6-gil, Buk-gu, Ulsan, Republic of Korea

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