



US4 Ambulance

US4 Standard Trim Ambulance

US4 High Trim Ambulance

Medical Appliance

AUTOCARE Hybrid Air Sterilizer

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. * Mark Customized for Clients + + + + C

INTERIOR FEATURES

Movable Light, Main Stretcher (fixed), Sub Stretcher, First-Aid Kit, IV Hook, Fixed Standing Cabinet, Oxygen Cylinder, Hook Ventilator LED, Bench, LED Room Lamp, 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. Chair Type Stretcher & Bed

The chair type stretcher can be mounted on bed. It provides electrical power assistance for an EMS person when pushing the stretcher into an ambulance, and it also helps to hold the patient.

D. LED Type Warning Lamp

E. Folding Type Chair

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



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

※ 1 YEAR WARRANTY

- 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 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. * Mark Customized for Clients

INTERIOR FEATURES

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

The chair type stretcher can be mounted on bed. It provides electrical power assistance for an EMS person when pushing the stretcher into an ambulance, and it also helps to hold the patient.

D. LED Type Warning Lamp

E. Folding Type Chair

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



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. IV Hook
- 8. Movable Light, 2 LED Lamps, IV Hook 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. Oxygen Cylinder

※ 1 YEAR WARRANTY

- Parts and repair manual will be couriered to our customers without cost within 1 year.
- Necessary process to verify what cause 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



Standard : Rotary Type Warning Lamp (Left) / Option : LED Type Warning Lamp (Right) / Color : Green or Red



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



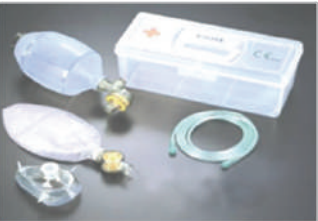
First Aid Kit
PM2072, Flambeau (USA)



Oxygen Cylinder
Made in Korea



Intubation Kit
Hudson (USA)



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



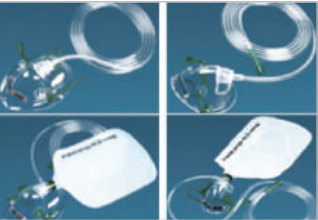
Plastic Scoop Stretcher with Pin
65EXL, Ferno-Washington (USA)



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)



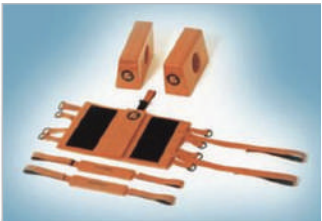
WizLoc Cervical Collar
449, Ferno-Washington (USA)



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



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



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



Emergencet 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)

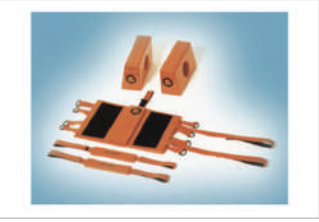
PACKAGE F



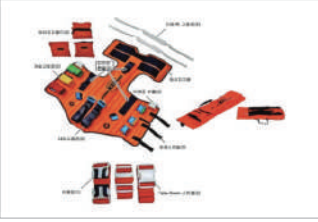
Plastic Scoop Stretcher with Pin
65EXL, Ferno-Washington (USA)



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

We are a company specialized in automobile customization to meet the needs of our customers.

HISTORY

- 2005 • CHUNGWOO TECH Co., Ltd. is founded
- 2006 • First Shoring of Export Vehicles as HMC Partner
- 2007 • HMC Partner for PIO Navigation Installation
- 2008 • HMC Partner for Special Vehicle Conversion
- 2009 • AUTOREX Co., Ltd. is founded
- 2011 • HMC Partner for Customized Parts Installation
- 2019 • KIA Partner for Customized Parts Installation
- 2020 • Developed AUTOCARE (Hybrid Air Sterilizer)
- 2021 • Started Converting Staria (US4) Ambulance & Camper Van for HMC



MAJOR SPECIAL VEHICLES

- Ambulance Conversion : 9,750 units for 79 countries
- H100 Van Conversion : 2,700 units for 28 countries
- Other Conversion : 3,640 units for 8 countries

Operation Period	2008 ~2021
No. of Units	16,000



Ambulance



H100 Van & DRY-Van Power Gate



Dump Truck



Child Protection Vehicle



Trans Power Gate



H1 for the Handicapped



Wing Body



Hybrid Air Sterilizer

CERTIFICATIONS



ISO 9001
(Quality)



ISO 14001
(Environment)



ISO 15001
(Safety & Health)



Technology
Innovation
(Ministry of SMES)



Certificate of De-
sign Registration



Certificate of De-
sign Registration



Certificate of De-
sign Registration

AUTOCARE – HYBRID AIR STERILIZER

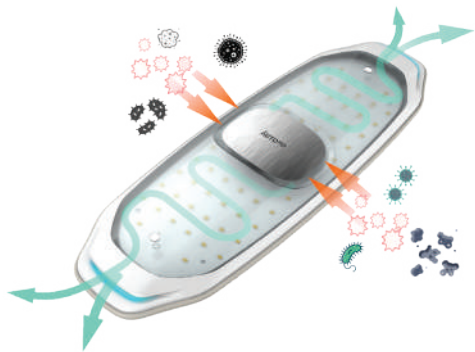
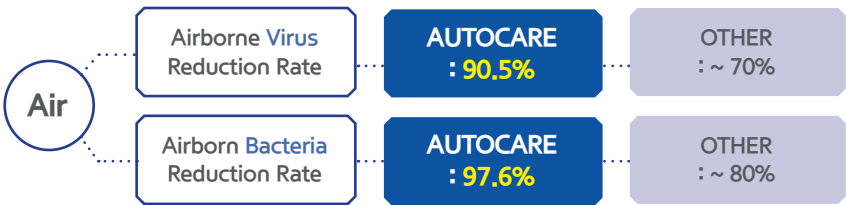
HEALTH CARE FOR DRIVER’S LIFE

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.

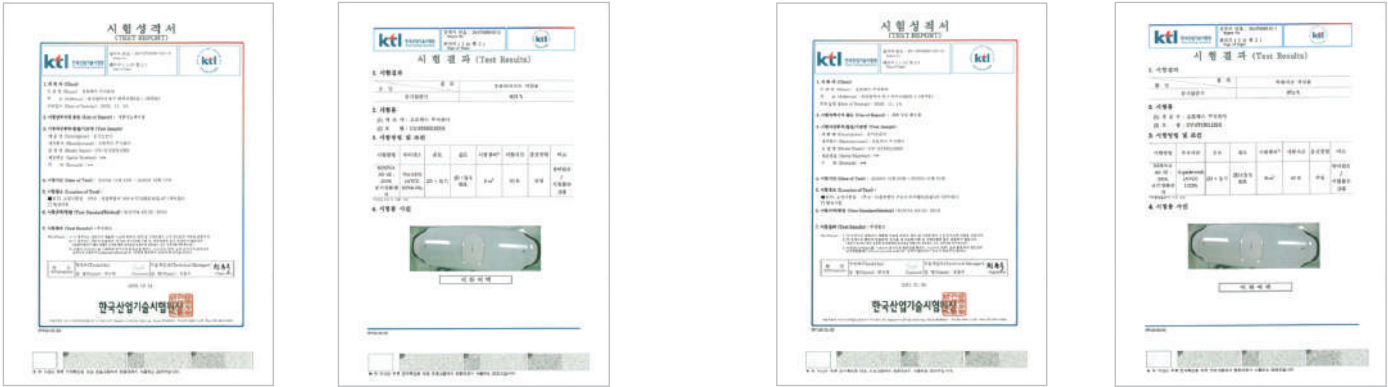


AUTOCARE IS ANYWHERE IN ENCLOSED SPACES

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.

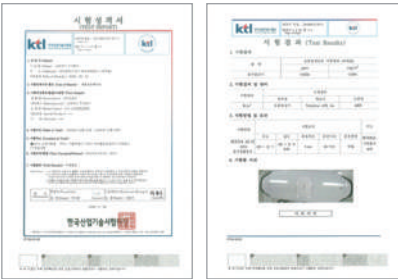


EMBEDDED STYLE : CONVENIENCE, PRACTICALITY, NATURAL DESIGN

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)



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