

Mobile Healthcare Vehicle



Your Global Health Partner

THE SPECIFICATIONS OF MOBILE HOSPITAL

- The main entrance door of the mobile hospital is at the back. There is also a wheelchair access ramp for the disabled.
- All opening and closing mechanisms of the vehicle work with electronic and hydraulic systems. It is highly technological, fast and durable.



- The mobile hospital closes in a few minutes and is ready to serve in various regions..



- The mobile hospital's air conditioning exterior units are mounted on the front of the vehicle. In addition, the generator and oxygen systems are located in the front section on the inside. Other hydraulic units and various electronic sections were placed in closeted lockers under the vehicle.
- Clean and dirty water tanks and booster and pressure units are also located at the bottom of the mobile hospital.



- The oxygen system is the most special mobile oxygen system in the world. It works with central power plant system. Inside, rooms and patient units are distributed with special pipes and oxygen flowmeters. It is the same as a fixed hospital.
- In the mobile hospital, replacement tubes are activated when oxygen is low. The backup tubes give all patients the necessary oxygen support until the main tubes are filled and reconnected. For this reason, a double power plant oxygen system has been produced.



5 UNIT 40 LITER OXYGEN CYLINDERS 1 UNIT 40 LITERS OF AZOTPROTOXIDE TUBE IS CONNECTED TO THE SPECIAL POWER PLANT IN THE OXYGEN CHAMBER.

- In the mobile hospital, there is a 50 KW diesel generator that works non-stop from all weather conditions. The generator is designed to operate all kinds of medical devices. It can work both monophase and Triphase.



Akxa generator Group provides reliability and ideal performance in fixed facilities, backup or continuous power supply usage areas. For all generator groups produced, pre-product testing and factory manufacturing testing are performed.

Certifications

TS ISO 8528

TS ISO 9001-2008

Certificate of conformity

SZUTEST

2000/14 / EC

General Features

Model name APD 51 A

Frequency (HZ) 50

Diesel Fuel Type Used

Engine brand and Model AKSA-QMZW107A

Alternator brand and Model Akxa-AK 337

Control Panel model DSE 6020

Cab ACP 4

3 Phase number, 50 Hz, PF 0.8

Voltage Standby power (ESP) (ESP) Prime Power (PRP) (PRP)

KVA kW KVA kW Amp

400/231 51 40.80 46 36.80 73.61

- The entrance section has daylight recessed LED Ceiling Lights. The entrance section is quite spacious and spacious. The operating room, clinic, pharmacy, laboratory and covid PCR testing department also have separate doors for the X-ray and toilet departments. A patient waiting section was also considered.
- All corridors, rooms and all floors are covered with erasable antibacterial PVC.



CLINICAL EMERGENCY DEPARTMENT

- The clinical department can be used for several purposes. Emergency department, intensive care and inpatient department. In addition to the intensive care oxygen system there are emergency department equipment with basic life functions in this section. You can review the documentation of the devices from the list of medical equipment.



X-RAY AND FILM PRINTING CLINIC

Scanray X-ray machine and Agfa 12 x digital printing machine



Product Specification

Brand	Scanray
Model Name/Number	ScanMobile HF
Generator Capacity	100 mA
Machine Type	Portable (Mobile)
Generator Type	High Frequency
Tube Type	Rotating Anode
Power Supply Volts	220 V
Power Supply Frequency	50 Hz
Operation Mode	Manual
Weight	15 Kg



WITH ITS SIMPLE YET SMART DESIGN, THE AFFORDABLE, COMPACT AND FAST CR 12-X DIGITIZER OFFERS AN IDEAL SOLUTION FOR CLINICS AND PRIVATE PRACTICES. THIS COST-EFFECTIVE ENTRY INTO DIGITAL RADIOGRAPHY COMBINES HIGH IMAGE QUALITY WITH A WORKFLOW THAT ADDRESSES YOUR PRIORITIES.

Operating room

- Surgical table, surgical lamps, medical equipment and fully equipped surgical intervention and operating room division constitute the most important part of our mobile hospital vehicle.

1 PCS	INCUBATOR
1 PCS	SUPPLIES
100 PCS	Vacuum tube
100 PCS	Injector
1 PCS	Automatic Pipette
1 PCS	GLUCOMETER STRIP
1 PCS	REFRIGERATOR
1 PCS	FREEZER
1 PCS	X-RAY DEVICE
1 PCS	CR DEVICE
1 PCS	X-RAY TABLE
1 PCS	OPERATING TABLE
1 PCS	ANESTHESIA DEVICE
1 PCS	OPERATION LAMP
1 PCS	INFISION PUMP
1 PCS	INJECTOR PUMP
1 PCS	SURGICAL ASPRATOR
1 PCS	USG
1 PCS	TRANSPORT VENTILATOR
1 PCS	OTOSCOPE-OFTALMASCOPE- BLOOD PRESSURE MEASUREMENT DEVICE
1 PCS	THERMOMETER
1 PCS	DEFIBILLATOR
1 PCS	KOTER DEVICE
1 PCS	LARYNGASCOPE
1 PCS	DEVICE CARRYING TROLLEY
1 PCS	PATIENT MONITOR
1 PCS	MONITOR TABLE
1 PCS	EXAMINATION TABLE



Department of anesthesia in the operating room

Anesthesia Machine

MODEL Aeon 7400A Aeonmed

Classical and widely used anaesthesia machine, single vaporizer

- * 4-tubes flowmeter
- * Suitable for adult and pediatric
- * High quality and durable design
- * CE marked, meets clinical safety requirement of EU
- * Solid coating and anti-dust smooth surface

Medwelt 7A-23D 2x2, 5 Lt. Aspirator Device

- * Oil-free compressor (motor)
- * Electrical requirement: 220 V AC (± 22), 50 Hz
- * Maximum negative pressure: 0.09 MPa
- * No oil added for daily maintenance
- * Hand and foot pedal for easy operation
- * Safe, no plus pressure during use
- When the device stops, there is no reverse pressure flow, so the liquid does not flow backwards
- * Sound: ≤ 65 dB
- * Pumping rate: ≥ 30 Lt / min
- * Jar capacity: 2500 ml x 2 pieces glass jars = 5000 ml



LABORATORY



1 PCS	Q2000 B Real-Time PCR System
1 PCS	MEDICATION BLNS
1 PCS	BLOOD ANALYSER
1 PCS	BLOOD BIOCHEMISTRY
5 BOX	HBSAG
5 BOX	HCV
5 BOX	HIV
1 PCS	MICROSCOPE
1 BOX	LAM
1 BOX	LAMEL
1 PCS	CENTRIFUGE
1 PCS	URINALYSIS KIT
1 PCS	INCUBATOR
1 PCS	SUPPLIES
100 PCS	Vacuum tube
100 PCS	Injector
1 PCS	Automatic Pipette
1 PCS	GLUCOMETER STRIP
1 PCS	REFRIGERATOR
1 PCS	FREEZER



PHARMACY

- The pharmacy section, where hundreds of drugs will be displayed in the mobile hospital, has been specially designed. There is special ventilation and medical cooler inside the pharmacy. All drug storage areas are hygienic designed with glass cabinets. The general Pharmacy, located in the cities, is a Department of Pharmacy.



TOILET AND WAITING SECTION

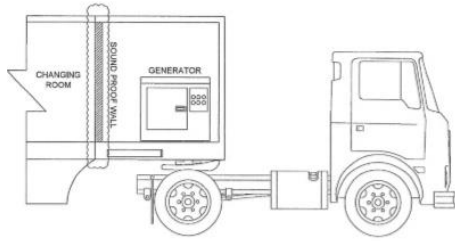


- Toilets and sinks are manufactured with marin system. It works with special pressure electric system. Dirty water and clean water tanks were hidden under the vehicle. The taps and toilet are powered by an electric booster system.



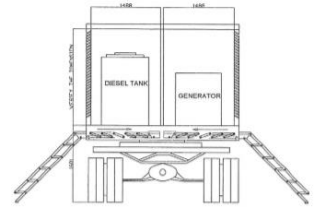
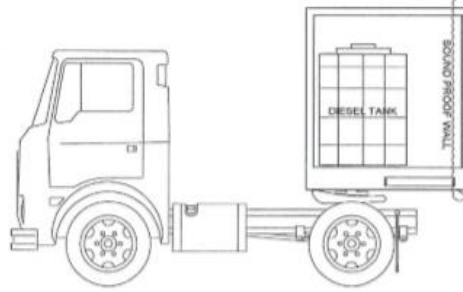
A LIST OF ALL MEDICAL EQUIPMENT AND MATERIALS WITH IN THE MOBILE HOSPITAL.

1 PCS		Q2000B Real-Time PCR System LongGene	
QTY	DESC	TYPE	BRAND
1 PCS	REFRIGERATOR		TAŞKENT T MINI K
1 PCS	REFRIGERATOR		TAŞKENT T100B
1 PCS	MEDICATION BLNS	ÇM1280	ÇİMEN
1 PCS	BLOOD ANALYSER		RAYTO 7600
1 PCS	BLOOD BIOCHEMISTRY		RAYTO 9200
5 BOX	HBSAG	(1 KT 40 TEST)	RAPIDAN
5 BOX	HCV	(1 KT 40 TEST)	RAPIDAN
5 BOX	HIV	(1 KT 40 TEST)	RAPIDAN
1 PCS	MICROSCOPE	BINOKULER	ERTICH SCIENTIFIC
1 BOX	LAM	(1KT 50)	
1 BOX	LAMEL	(1 KT 10 PK)	
1 PCS	CENTRIFUGE	8*15	ELEKTOMAG
1 PCS	URINALYSIS KIT	100 TEST	ACON MISSION
1 PCS	INCUBATOR	22 LT	MEGATERM
1 PCS	SUPPLIES		BD
100 PCS	Vacuum tube		BD
100 PCS	Injector		TIPSET
1 PCS	Automatic Pipette		DRAGON
1 PCS	GLUCOMETER STRIP		ACON ONE CALL
1 PCS	REFRIGERATOR	90 LT	ALTUS
1 PCS	FREEZER	AL1003A+	ALTUS
1 PCS	X-RAY DEVICE		SCANRAY
1 PCS	CR DEVICE		AGFA 12 X
1 PCS	X-RAY TABLE		YERLİ
1 PCS	OPERATING TABLE		MEDSAN
1 PCS	ANESTHESIA DEVICE		JINLING 01 B
1 PCS	OPERATION LAMP	YD01-5E LED	HUIFENG
1 PCS	INFISION PUMP		BRAUN
1 PCS	INJECTOR PUMP		BRAUN
1 PCS	SURGICAL ASPRATOR	7A-23 D	YUYUE
1 PCS	USG		MINDRAY DP 50
1 PCS	TRANSPORT VENTILATOR	MCV100B	ALLIED
1 PCS	OTOSCOPE-OFTALMASCOPE- BLOOD PRESSURE MEASUREMENT DEVICE		MIDIONE
1 PCS	THERMOMETER		MIDIONE
1 PCS	DEFIBILLATOR		LIFE POINT
1 PCS	KOTER DEVICE	M20-40	ELEKTROMAG
1 PCS	LARYNGASCOPE		
1 PCS	DEVICE CARRYING TROLLEY		PULCUOĞLU
1 PCS	PATIENT MONITOR		CONTEC
1 PCS	MONITOR TABLE		PULCUOĞLU
1 PCS	EXAMINATION TABLE		ÇİMEN
1 SET	CENTRAL OXYGEN SYSTEM 5 UNITS 40 LITER OXYGEN TUBE 1 UNIT OF 40 LITER AZOTPROTOXIDE TUBE		GRN



SECTION THRU "B"

SCALE: 1:50



SECTION THRU "A"

SCALE: 1:50

TECHNICAL SPECIFICATIONS

<p>Chassis</p>	<p>3 axles, 13500mm trailer, special manufacturing of project Axles with air suspension system.</p>
<p>Superstructure</p>	<p>We will manufacturing according to tender request :</p> <ul style="list-style-type: none"> • Body dimensions (exterior) Lenght : 13000mm Width : 2550mm Heigh : 4000mm • Body constructions will be manufactured NPU140 box profile. • Floor 90mm sandvich panel with steel construction. • Floor 22 mm marine type plywood and anti bacterial pvc • Side walls 55 mm panel system, inner and outside 2,5mm CTP isolation, 42 kg/m3 polyurethane or DOW • Roof 50 mm panel system • Inner side shock band. • Outside corners anodized aluminium profile • Left and right parking lamp • General boxes, • 100 lt clean- grey water tanks • Hydraulic system installation (4 pcs side, 4 pcs floor fixing). • hydraulic patient stretcher ramp system • Mudguards. • Safe rubber pads-kick plate • Body side panels complate aluminium composite covering. • Floor inner side aluminum composite covering. • The expandable system manufacturing on the body. • 5/6 rooms in trailer according to project. • 50kwa triphase generator, generator box installation chassis sides. Generator will be installation on the trailer front if generator dimensions highly. • Manufacturing main fuse panel for generator, • 220 V sockets • Led lamp units • 5 pcs Outside led lamps • 6 pcs A/C units, total 72000btu/H • Fire proof cabling and same materials. • 220V external-input plug. And 20m connection cable. • 4 points hydraulic fixing system • Wooden storage cabinets,