

AMCAREMED

Medical Gas System Solution



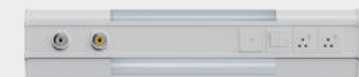
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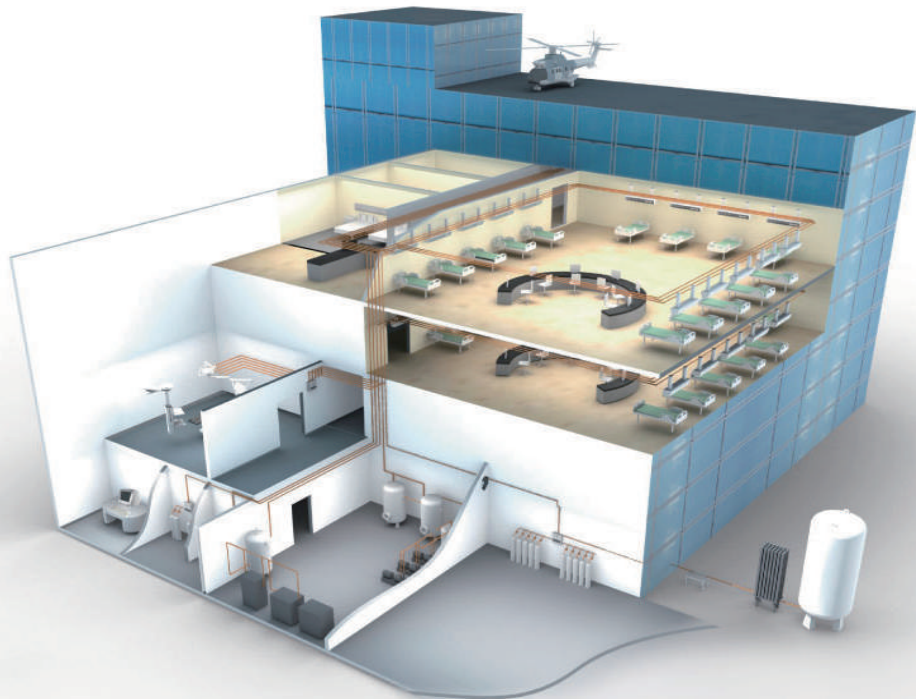
Breathing Solutions with AmcareMed

Company Profile

AMCAREMED MEDICAL is a professional design and manufacturing company for medical gas products in China. We are committed to providing users with comprehensive and innovative medical gas solutions and other user-centric service offerings. Include gas pipeline engineering, ward care products, operating room equipment, supporting installation and after-sales service. These solutions and services will create an overall satisfying experience throughout the hospital's gas engineering.

Our plant area is over 4,000m² and consists of production workshop, inspection workshop, R&D department, warehouse and sample room. Our products have passed strict tests and inspections to control the qualified rate before leaving the factory. We believe quality products and services will cultivate customers' loyalty to our brand.

Over the years, AMCAREMED has a track record of continuous growth and leadership in China and overseas markets. Our value is time savings, safety and reduced costs for each client.



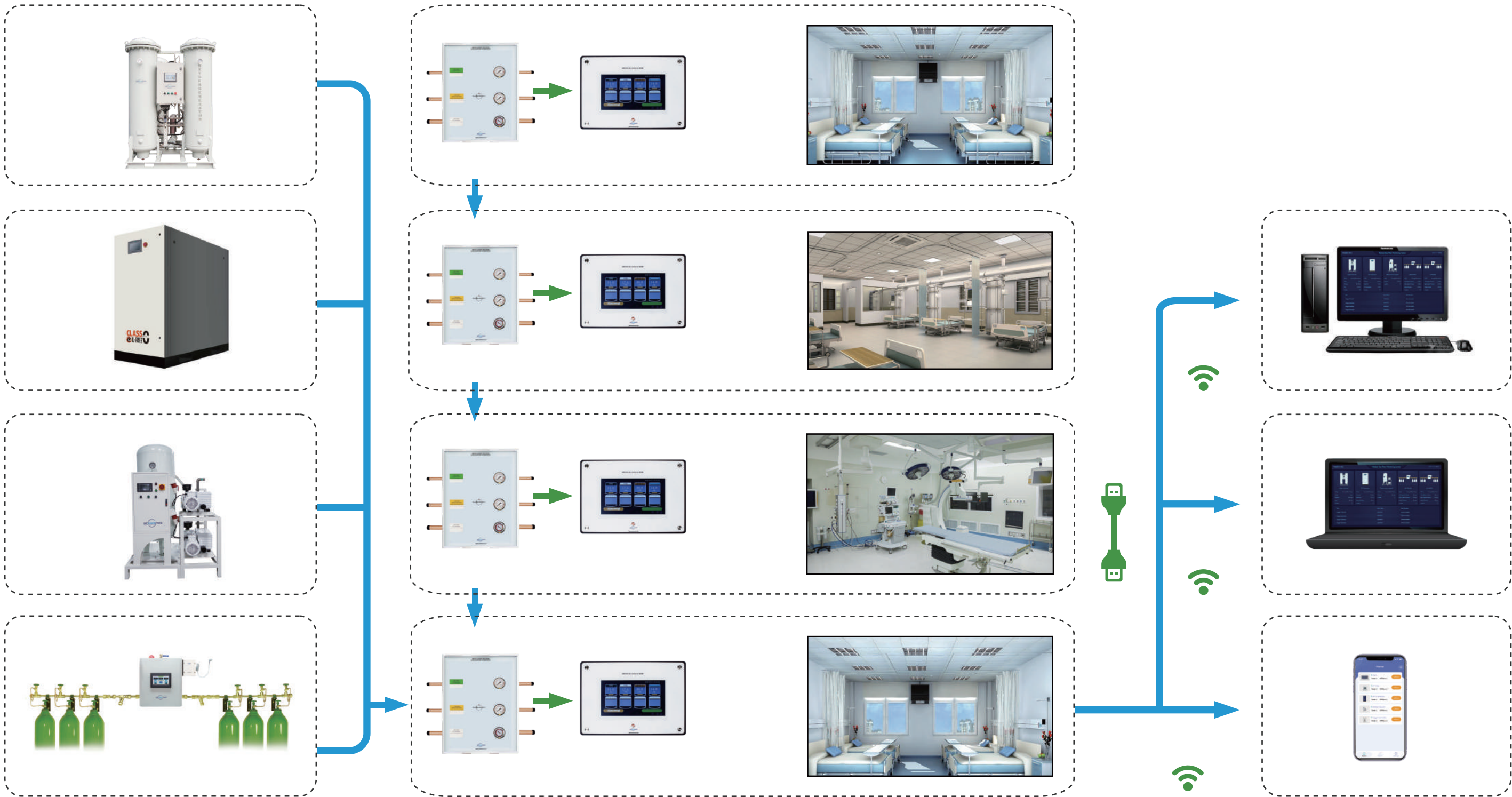
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MEDICAL GAS SOURCE

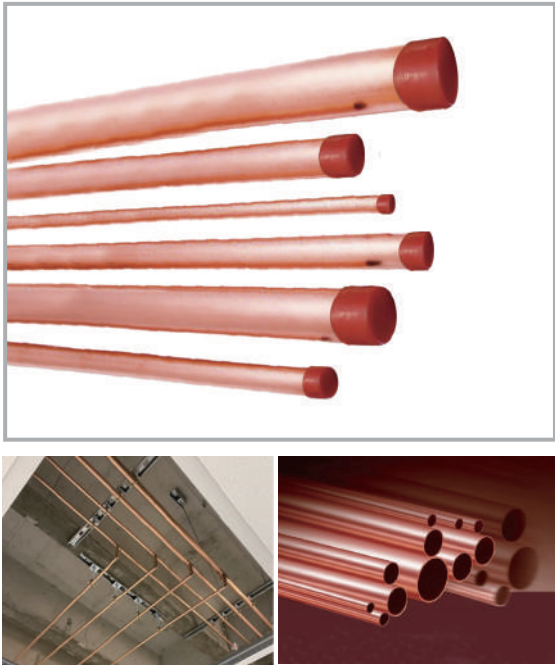
PIPELINE

ADMINISTRATION



DEGREASED MEDICAL COPPER TUBE

AmcareMed degreased copper tube is designed for medical gas pipeline system installations and is manufactured under strict quality control procedures in accordance with ISO 13485, EN 13348 and EN 1057.



Features

- Available in 3m & 6m lengths from 12mm to 108mm
- Adopting continuous casting and rolling production process, high purity, fine structure and low oxygen content
- No porosity, trachoma, loose, good thermal conductivity, processability, ductility, corrosion resistance and weather resistance. Easy to solder and braze
- The product quality is stable, the pressure is high, the elongation rate is high, and the cleanliness is high, which meets the high cleaning requirements of the fluorine-free refrigeration equipment
- Straight tube plastic film winding, can be plugged, can be loaded with wooden boxes

Technical Data

Model	Diameter(mm)	Thickness(mm)	Working Pressure(Bar)
CP-12	12	0.6	77
CP-15	15	0.7	63
CP-22	22	0.9	58
CP-28	28	0.9	51
CP-35	35	1.2	40
CP-42	42	1.2	35
CP-54	54	1.2	27
CP-67	67	1.5	26
CP-76	76	1.5	29
CP-108	108	1.5	16

Note: Other thickness available on request

Fittings & Accessories

Medical gas copper pipe fittings include elbow, reducing elbow, street elbow, 45° elbow, straight coupling, equal tee, fitting reducer, reducing tee, and reducing couple. Can meet the special requirements of medical gas pipelines.



					
Fittings	Elbow 90	Equal Tee	Reducing Tee	Straight Coupling	Reducer
Model	AM-CE	AM-ET	AM-RT	AM-SC	AM-RI
Sizes(mm)	12-108	12-108	12-108	12-108	12-108

Copper Pipe Clips

- Brass /PPR material
- For fixed connection and tightening of various pipes
- Available in various diameter sizes



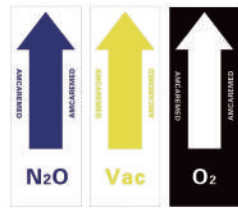
Silver Solder Brazing Alloy

- Good fluidity and excellent process performance
- Has a low melting point, good wettability and the ability to fill with gas
- High joint strength, good plasticity and excellent corrosion resistance



Copper Pipe Label

- Material: PVC material (self-adhesive vinyl)
- Waterproof, moisture-proof and corrosion-resistant
- NFPA /ISO full-color standard for easy gas identification



PSA OXYGEN GENERATOR

AmcareMed medical oxygen generator system could supply pure oxygen for all kinds of hospitals and clinics continuously. Medical oxygen generators system uses Pressure Swing Adsorption (PSA) technology to separate the oxygen from the air. Our oxygen plant equipment puts the air as raw material, zeolite molecular sieve as adsorbent, under the normal temperature low pressure, using the selectivity of zeolite molecular sieve for oxygen adsorption.



Features

- Oxygen purity: 93±3%
- Capacity: 5Nm³/hr to 100 Nm³/hr
- Operating temperature: 5°C-45°C
- Two pcs molecular sieve beds, ensure uninterrupted operation
- Modular design for easy installation
- Automatic and stable operation

Model	Oxygen Capacity		Air Compressor		Booster Compressor		Installation Area(m²)	
	Nm³/h	LPM	Feed Air Required (m³/min)	Power(kw)	Power(kw)	Capacity (m³/h)	Single Line Solution	Dual Line Solution
OY-50	5	83	0.875	7.5	5.5	5	25	45
OY-80	8	133	1.4	11	5.5	8	28	48
OY-100	10	167	1.75	15	5.5	10	30	50
OY-150	15	250	2.625	18.5	11	15	30	50
OY-200	20	333	3.5	22	11	20	40	80
OY-250	25	417	4.375	30	11	25	40	80
OY-300	30	500	5.25	37	11	30	45	90
OY-400	40	666	7	55	15	40	45	90
OY-500	50	833	8.75	55	15	50	50	95
OY-600	60	1000	10.5	75	15	60	60	110
OY-800	80	1333	14	90	30	80	65	115
OY-1000	100	1666	17.5	110	30	100	70	135

Note: The installation area is not an absolute area. We will design according to the specific location.



Air Compressor

The air compressor is used to supply compressed air to the oxygen generator. Power: 5.5~132kw. FAD: 0.69~100m³/min, compact structure, few moving parts, easy maintenance.



PSA Oxygen Generator

Based on PSA technology, the molecular sieve adsorbs nitrogen from the air and separates the oxygen. Two tower cycles alternately, continuous output of high quality oxygen.



Booster Compressor

Compress oxygen to the required pressure; oil less, low speed and heavy load design, low vibration, ensuring performance and safety. Inlet pressure: 0.3Mpa. Exhaust pressure: 15Mpa/20Mpa. Cooling type: water-cooled or air-cooled.



Automatic Control Panel

Monitor signals from the pressure sensor and provides an alarm system and a fail-safe shutdown mode. Oxygen purity, pressure, dew point and flow are displayed on the control panel.



Containerized Oxygen Generator

Direct container loading from the actory, easy to transport. Simple installation, automatic operation or manual control. Exterior dimensions are mainly for 20' and 40' containers.



All-In-One Medical Oxygen Systems

- Intelligent control
- Clean and oil-free
- Extremely silent
- Safe and reliable
- Save space
- Easy maintenance

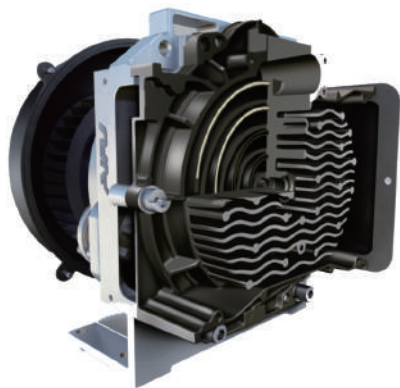


Features and Benefits

- Modular integrated design, compact structure, energy saving
- Long-lasting and stable operation can solve the problem of undurability in plateau areas
- It can prevent the molecular sieve of the oxygen generator from failing when encountering oil
- Lubricant free, no degreasing filter required
- Built-in moisture monitoring system to effectively protect the molecular sieve from failure in water
- Molecular sieve aluminum cylinder and advanced filling process reduce the problem of molecular sieve pulverization
- Intelligent touch screen control system

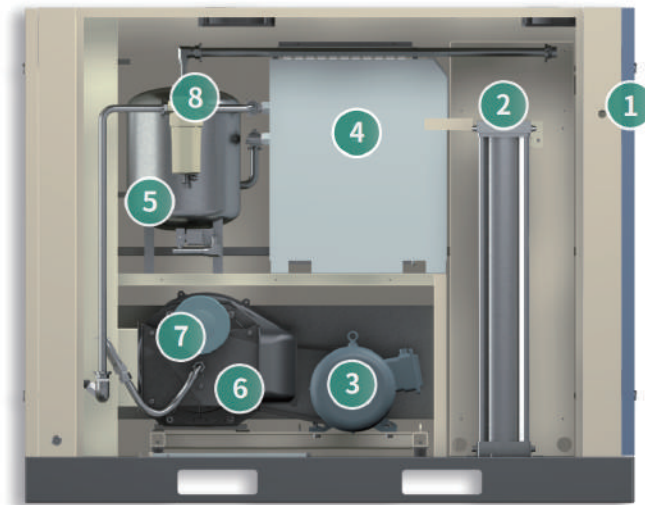
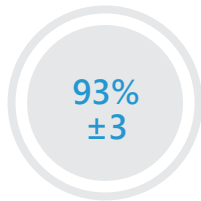
Built-in Oil-Free Scroll Air Compressor

- Oil-free silent: CLASS0 oil-free
- Plug and Play: oxygen can be released by plugging in
- Safe and reliable: strong environmental adaptability and durability
- Durable: 24-hour contact operation, long-term working exhaust without attenuation



Internal Structure, Standard Configuration

1. Control Panel
2. Molecular sieve system
3. IE3 high efficiency motor
4. Refrigeration Air Dryer
5. Stainless steel buffer tank
6. Oil-free scroll air compressor
7. Air intake filter
8. Filtering system



Oxygen Purity



Output



Medical standard
ISO 7396-1



Exhaust path
Independent duct for
exhausting heat and nitrogen

Model Parameters

Model	Flow	Power	Pressure	Size	Weight
OY-006A	0.6m³/h	1.5Kw	0.3-0.5Mpa	1600*750*1300	420Kg
OY-01A	1m³/h	2.2Kw	0.3-0.5Mpa	1600*750*1300	480Kg
OY-03A	3m³/h	5.5Kw	0.3-0.5Mpa	1600*800*1500	550Kg
OY-05A	5m³/h	11Kw	0.3-0.5Mpa	1600*800*1920	750Kg
OY-10A	10m³/h	15Kw	0.3-0.5Mpa	1600*950*1920	950Kg

MEDICAL VACUUM SYSTEM

AmcareMed medical rotary vane vacuum pump fully meets ISO 13485 and ISO 7396 standards, equipped with multiple vacuum pumps, a receiver tank and a control panel.

The medical vacuum system is equipped with 2 to 4 vacuum pumps. The vacuum pump is available in both oil-lubricated and oil-free types. Each pump includes an oil level sight glass, and anti-suck-back valve filter. The system has two configuration types: vertical tank and horizontal tank mount.

The system is equipped with a duplex bacteria filter to ensure the purity of the gas entering the vacuum tank. It is equipped with an LCD control cabinet for the fully automatic operation of the vacuum pump.

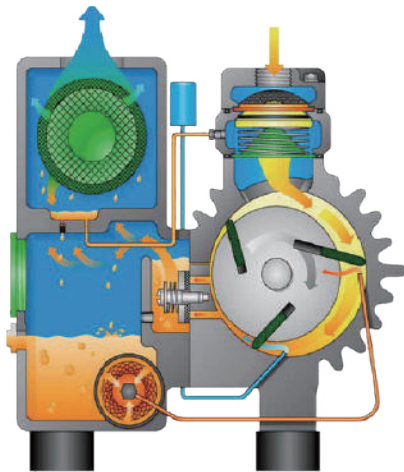


Oil-Lubricated Rotary Vane Vacuum System

Oil-lubricated rotary vane vacuum system is a durable long-life pump that has been used for many years in hospital and laboratory applications. Lubricated by circulating oil provides a consistently high vacuum level in continuous operation.

Features

- Built-in oil mist filter, the air discharged does not contain oil mist
- Strong air extraction, ultimate vacuum degree can reach 0.01 Mbar (1Pa)
- The vacuum pump is lubricated with lubricating oil and has a long service life
- Low noise, low vibration, and the working environment will not be affected
- Excellent rust and corrosion resistance, can form an effective anti-corrosion film on the metal surface



System	Model	HP Each	KW Each	System Capacity		Receiver Tank Capacity (L)	Noise dB(A)
				L/min	m³/h		
Horizontal Tank Mount							
Duplex	VOL10D-500H	1 x 2	0.75 x 2	350	21	500	62
	VOL15D-500H	1.5 x 2	1.1 x 2	666	40	500	64
	VOL20D-500H	2 x 2	1.5 x 2	1050	63	500	65
	VOL30D-500H	3 x 2	2.2 x 2	1666	100	500	66
	VOL50D-500H	5 x 2	4 x 2	2666	160	500	71
Vertical Tank Mount							
Duplex	VOL30D-500V	3 x 2	2.2 x 2	1666	100	500	66
	VOL50D-500V	5 x 2	4 x 2	2666	160	500	71
	VOL65D-500V	6.5 x 2	4.8 x 2	3333	200	500	73
	VOL75D-500V	7.5 x 2	5.5 x 2	4166	250	500	73
	VOL100D-500V	10 x 2	7.5 x 2	5000	300	500	75
	VOL250D-1000V	25 x 2	18.5 x 2	10500	630	1000	80
Vertical Tank Mount							
Triplex	VOL65T-500V	6.5 x 3	4.8 x 3	6666	400	500	76
	VOL75T-500V	7.5 x 3	5.5 x 3	8332	500	500	77
	VOL100T-1000V	10 x 3	7.5 x 3	10000	600	1000	78
	VOL250T-1000V	25 x 3	18.5 x 3	21000	1260	1000	82
Vertical Tank Mount							
Quadruplex	VOL75Q-1000V	7.5 x4	5.5 x4	12500	750	1000	79
	VOL100Q-1000V	10 x 4	7.5 x 4	15000	900	1000	80
	VOL250Q-1000V	25 x 4	18.5 x 4	31500	1890	1000	83

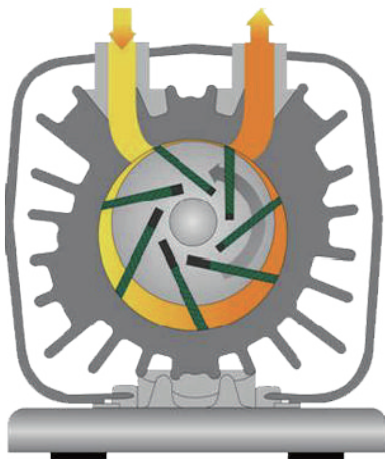
Note: 1. The unit is operated at an ambient temperature of 0-40 °C. Please contact our company for special environmental temperature requirements.
2. All flow calculations do not include spare equipment.

Oil-Free Rotary Vane Vacuum System

Oil-free rotary vane vacuum system is a cost-effective solution for applications where oil in the pump chamber or oil mist in the exhaust may be undesirable. This simple design requires less routine maintenance than an oil-immersed pump, but requires regular blade replacement.

Features

- Direct connection with motor, compact structure, lightweight, small size
- Smaller vibration and smoother operation
- No oil is needed for lubrication, and no pollution to the environment
- High-speed rotation of the multi-rotor is used to avoid pulse fluctuations in the suction and exhaust



System	Model	HP Each	KW Each(50Hz)	System Capacity		Receiver Tank Capacity (L)
				L/min	m³/h	
Horizontal Tank Mount						
Duplex	VOF17D-500H	1.7 x 2	1.25 x 2	666	40	500
	VOF30D-500H	3 x 2	2.2 x 2	1100	66	500
	VOF40D-500H	4 x 2	3.0 x 2	1633	98	500
Vertical Tank Mount						
Duplex	VOF30D-500V	3 x 2	2.2 x 2	1100	66	500
	VOF40D-500V	4 x 2	3.0 x 2	1633	98	500
	VOF55D-500V	5.5 x 2	4.0 x 2	2150	129	500
	VOF75D-500V	7.5 x 2	5.5 x 2	4066	244	500
	VOF100D-500V	10 x 2	7.5 x 2	6500	390	500
Vertical Tank Mount						
Triplex	VOF55T-500V	5.5 x 3	4.0 x 3	4300	258	500
	VOF75T-500V	7.5 x 3	5.5 x 3	8132	488	500
	VOF100T-1000V	10 x 3	7.5 x 3	13000	780	1000
	VOF150T-1000V	15 x 3	11 x 3	16500	990	1000
Vertical Tank Mount						
Quadruplex	VOF75Q-1000V	7.5 x 4	5.5 x 4	12200	732	1000
	VOF100Q-1000V	10 x 4	7.5 x 4	19500	1170	1000
	VOF150Q-1000V	15 x 4	11 x 4	24750	1485	1000

Note: 1. The unit is operated at an ambient temperature of 0-40 °C. Please contact our company for special environmental temperature requirements.
2. All flow calculations do not include spare equipment.

ANAESTHETIC GAS SCAVENGING SYSTEM(AGSS)

AGSS system shall be a dedicated, specifically designed active extraction and disposal system for waste anesthetic gas. It' s an active system that removes anesthetic gas from other areas fitted with nitrous mixtures from operating rooms and other areas fitted with nitrous oxide terminal units.



- Oil-Free Design
- Pressure at the terminal connection is under -15KPa
- Factory pre-piped, wired and tested for assured reliability
- All interconnecting pipework is included
- Alarm and BMS outputs for remote status indication
- Duplex systems allow you to run one unit while the other unit is being maintained

Model	Voltage/Frequency	KW	System	System Capacity	
				SCFM	L/M
MEDAGS-520-D/3	400V 50Hz	0.75	Duplex	18.4	520
MEDAGS-1560-D/3		1.5		55.1	1560
MEDAGS-2860-D/3		3		101	2860
MEDAGS-520-S/3		0.75	Simplex	18.4	520
MEDAGS-1560-S/3		1.5		55.1	1560
MEDAGS-2860-S/3		3		101	2860
MEDAGS-650-D/3	380V 60Hz	0.9	Duplex	23	650
MEDAGS-2210-D/3		1.8		78	2210
MEDAGS-3770-D/3		3.6		133.1	3770
MEDAGS-650-S/3		0.9	Simplex	23	650
MEDAGS-2210-S/3		1.8		78	2210
MEDAGS-3770-S/3		3.6		133.1	3770

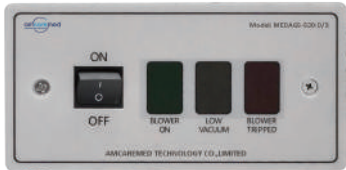
AGSS Receiving System – Air Brake

- For safe collection and removal of exhaled nitrous oxide and other anesthetic gases during anesthesia or sedation
- Can be wall, rail or machine mounted
- Supplied with all necessary hoses

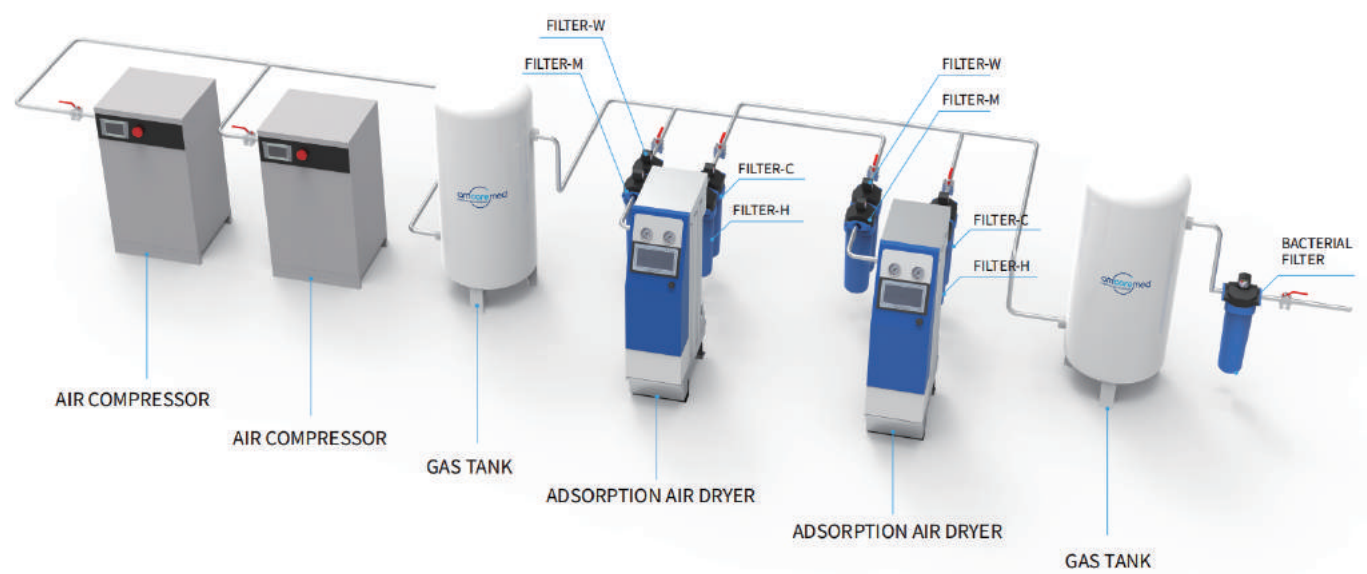


Remote Control Unit

- Can be remotely controlled by the unit to avoid frequent trips to the field for operation
- Clearly and intuitively indicate the operating status of the plant
- Easy to operate



OIL-FREE SCROLL MEDICAL AIR COMPRESSOR



- Provide 100% pure and clean medical air
- Designed and manufactured in compliance with ISO 13485 and EN 61000
- Refrigeration dryer pressure dew point: 3°C (-22°C atmospheric pressure dew point)
- The whole system is packaged and shipped for quick and easy installation, turn on the power to start running
- Compact structure, small footprint, can be installed wherever needed without restrictions
- Alarm function and automatic start after the power failure is restored

System	Model	Power		Capacity(@100PSIG)	Noise level DB(A)±3db
		KW Each	HP Each	m³/min	
Duplex	SMA02D	1.5 x 2	2 x 2	0.14	46
	SMA03D	2.2 x 2	3 x 2	0.25	48
	SMA05D	3.7 x 2	5 x 2	0.4	50
	SMA07D	5.5 x 2	7.5 x 2	0.6	59
	SMA10D	7.5 x 2	10 x 2	0.88	60
	SMA15D	11.2 x 2	15 x 2	1.2	61
	SMA20D	15 x 2	20 x 2	1.64	62
	SMA25D	18.5 x 2	25 x 2	2.04	62
Triplex	SMA15T	11.2 x 3	15 x 3	2.4	66
	SMA20T	15 x 3	20 x 3	3.28	67
	SMA25T	18.5 x 3	25 x 3	4.08	67
Quadplex	SMA15Q	11.2 x 4	15 x 4	3.6	70
	SMA20Q	15 x 4	20 x 4	4.92	71
	SMA25Q	18.5 x 4	25 x 4	6.12	71

RECIPROCATING PISTON MEDICAL AIR COMPRESSOR

1. Piston air compressor
2. Electric control box
3. Air tank
4. Adsorption dryer
5. Filter

- Designed and manufactured in compliance with ISO 13485 and EN 61000
- Optional adsorption dryer and refrigeration dryer
- Adsorption dryer pressure dew point ≤-40°C
- Provides 100% oil-free air, oil does not come into the compressing chamber
- PLC controller ensures each compressor running time sequence and turns around working according to the pressure value



System	Model	Power		Capacity(@100PSIG)	Noise Level db(A)±3db
		KW Each	HP Each	m³/min	
Duplex	PMA03D	2.2 x 2	3 x 2	0.24	71
	PMA05D	4 x 2	5.3 x 2	0.45	74
	PMA07D	5.5 x 2	7.5 x 2	0.6	75
	PMA10D	7.5 x 2	10 x 2	0.9	76
	PMA15D	11.2 x 2	15 x 2	1.25	79
	PMA20D	15 x 2	20 x 2	1.64	82
Triplex	PMA07T	5.5 x 3	7.5 x 3	1.2	76
	PMA10T	7.5 x 3	10 x 3	1.8	77
	PMA15T	11.2 x 3	15 x 3	2.5	80
Quadplex	PMA07Q	5.5 x 4	7.5 x 4	1.8	77
	PMA10Q	7.5 x 4	10 x 4	2.7	78
	PMA15Q	11.2 x 4	15 x 4	3.75	81

Note: 1. The unit is operated at an ambient temperature of 0-40 °C. Please contact our company for special environmental temperature requirements.
2. All flow calculations do not include spare equipment.

AIR DRYER

Adsorption Air Dryer

- Air inlet temperature: 2°C ≤ T ≤ 45°C
- Air inlet pressure: 4.5bar ≤ P ≤ 10bar
- Pressure drop 0.15ba
- Purge lost: 5% to 6% of stated flows
- Pressure dew point: -40°C standard type



Model	Flow (@7bar,35°C)		Dimension			Pipe Size	Weight
	m³/h	L/min	L / mm	W / mm	H / mm	G	Kg
DSA-30A	30	500	300	460	810	G1/4	26
DSA-48A	48	800	300	460	1120	G1/2	29
DSA-60A	60	1000	300	460	1300	G1/2	36
DSA-90A	90	1500	300	460	1450	G1	51
DSA-150A	150	2500	260	670	1120	G1	53
DSA-228A	228	3800	260	780	1120	G1	64
DSA-390A	390	6500	260	710	1720	G1	73

Refrigeration Air Dryer

- Working pressure: 0.7-10Mpa (Use scope 0.7Mpa-1Mpa)
- Inlet temperature: maximum 45 °C
- Ambient temperature: 2 °C~38 °C
- The temperature difference between the entrance and exit is 5-10 °C
- Low pressure dew point: 3 °C (-22 °C atmospheric pressure dew point)



Model	m³/m	Connection port size	V	KW	H / mm	W / mm	D / mm	KG
DSA-010F	1.0	G-3/4"	220/50	0.6	700	300	680	48
DSA-015F	1.5	G-3/4"	220/50	0.8	700	300	680	50
DSA-019F	1.9	G-3/4"	220/50	0.8	700	300	680	50
DSA-026F	2.6	G-1"	220/50	1.1	845	360	800	75
DSA-039F	3.9	G1-1/2"	220/50	1.1	1010	360	920	98
DSA-070F	7.0	G1-1/2"	220/50	1.4	1030	1050	540	140
DSA-085F	8.5	G1-1/2"	220/50	1.6	1030	1050	540	150
DSA-108F	10.8	G-2"	220/50	2.0	1160	1180	550	190
DSA-140F	14.0	G2-1/2"	380/50	2.8	1270	1420	590	240

MEDICAL GAS MANIFOLDS

AmcareMed medical gas manifolds are mainly used in small and medium-sized hospitals to provide continuous and uninterrupted gas supply to hospitals. They are designed and manufactured in accordance with ISO 13485 standard.



Model: AM-100DX

LED Automatic Manifold

AmcareMed LED type automatic manifold has pressure regulators with LED Display. The automatic manifold electronically monitors cylinder pressure, automatically changes over to the secondary cylinder when the primary cylinder is depleted and eliminates the need to set a priority side manually.

Technical Data

Input Power	110V to 240 V, 50Hz to 60 Hz
Max Input Pressure	200 bar
Output Pressure	0-12 bar(Adjustable)
Switching Pressure	6-10 bar(Adjustable)
Applicable Gas	O2, Air, CO2, N2, and N2O
Max Flow	100m3/h(Customizable)
Inlet Connection	1/2"(Customizable)
Outlet Connection	22mm(Customizable)
Dimensions	600mm × 500mm × 200mm
Safety Valve Opening Pressure	
Primary Pressure Reducer	18 bar
Secondary Pressure Reducer	10 bar

Features

- Closed box without interference
- All-copper integrated structure dual-circuit design, stable pressure
- Separation of strong and weak power (power box is 220v, manifold is 24v)
- 100% pressure test, safe and reliable
- Remote alarm can be connected externally, providing alarm switch signal or analog signal
- Sustainable supply and control circuit when the power failure
- With temperature control (CO2, N2O) to prevent frost and overheating leakage



Model: AM-200DX

LCD Display Automatic Manifold

AmcareMed LCD type automatic manifold displays information fully automatically on an LCD panel. Designed for automatic switching of the left and right side cylinders, it does not require any adjustment by the operator and works even when the electrical system is powered off.

Technical Data

Input Power	110V to 240 V, 50Hz to 60 Hz
Max Input Pressure	200 bar
Output Pressure	3-7.5 bar(Adjustable)
Applicable Gas	O2, Air, CO2, N2, and N2O
Max Flow	100m3/h(Customizable)
Inlet Connection	M33x2.0
Outlet Connection	22 mm(Customizable)
Installation Dimensions	540mm × 350mm × 600mm
Safety Valve Opening Pressure	
Primary Pressure Reducer	15 bar
Secondary Pressure Reducer	7.5 bar

Features

- Closed metal box, anti-interference
- Two-stage pressure stabilization filter for one use and one standby
- Separation of strong and weak power (power box is 220v, the manifold is 24v)
- Pass the pressurization testing, welded in silver, safety and stable
- Adopt pilot differential pressure control, accurate pressure control, and low failure rate
- With temperature control (CO2, N2O) to prevent frost and overheating leakage
- The remote alarm can be connected externally, providing alarm switch signal or analog signal (for central monitoring)



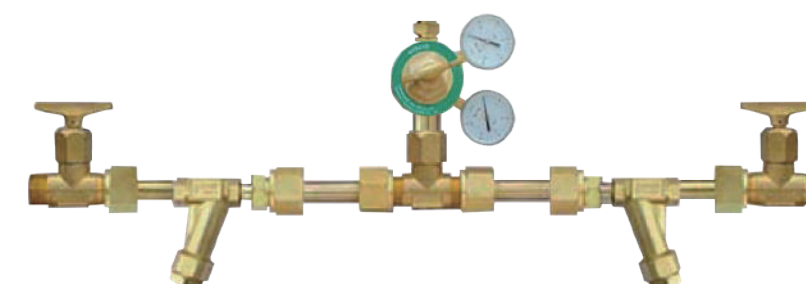
Model: AM-300DX

Semi-Automatic Manifold

Semi-automatic cylinder manifold is equipped with dual pressure reducers to ensure that the manifold can operate normally when one of the pressure reducers fails.

Several cylinders need to be connected to the manifold pipeline when using the manifold. The medical gas is first filtered and decompressed, and then transported through the main pipe to the end of use.

- Applicable gas: O2, Air, CO2, N2, and N2O
- Max flow: 100 m3/h
- High quality brass master shut-off valve included
- Secondary regulator stabilizes gas flow rate of the main pipeline
- CGA gas specific pigtail connections
- Maximum pressure 3,000 PSI
- The size of the connecting hose is customized
- Equipped with the gas filter, it can effectively block impurities in the gas



Model: AM-400DX

Manual Manifold

Manual manifold systems is mainly used in small and medium hospitals. It is equipped with a single pressure reducer. Open type manifold connector cylinder number according to the client's request.

- Applicable gas: O2, Air, CO2, N2, and N2O
- Max flow: 100 m³/h
- High quality brass master shut-off valve included
- Equipped with a single pressure reducer
- Pass the pressurization testing, welded in silver, safe and stable
- Wall mount simplifies installation



Copper Pigtail

High Pressure Pigtails

- Length: 0.8-2.0meter (customizable)
- Pressure up to 200 bar
- Pass the pressurization testing, safety and stable



Stainless Steel Pigtail

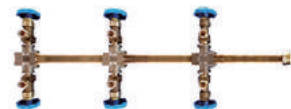
Gas Type	Inlet Connection
Oxygen(Bull-Nose)	5/8 (Male)
Oxygen	3/4"
Carbon Dioxide	3/8"
N2O, Air	Ø 21.8 mm, 1/14
Oxygen (PIN INDEX)	-
N2O (PIN INDEX)	-



Left And Right Manifold Piping

Manifold Pippings

- Wall mount simplifies installation
- More concentrated space occupation
- Consists of the valve and copper pipe



Dual Manifold Piping



High Pressure Filter

- Made of high-quality brass
- For filtering dust particles in the medical gas



Single And Dual Cylinder Retaining Brackets

- To fix the cylinders safely
- Made of stainless steel



Wall Mounting Bracket

- To fix the cylinders ramp
- Made of stainless steel

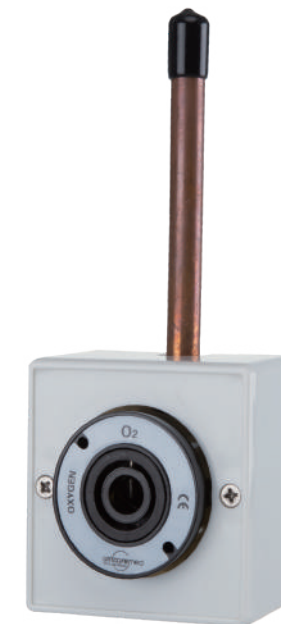
MEDICAL GAS OUTLET

Medical gas outlets are used for medical gas system daily medical care and installed at gas systems delivery points to provide the required medical gas.

AmcareMed gas outlet can provide seven kinds of gas: oxygen, medical air, vacuum, N2O, CO2, instrument air and AGSS.

Different gases can be equipped with corresponding gas adapters, with an anti-mis plugging function.

Our medical gas outlets include wall mount type and rough-in assembly type. Wall mount type is installed on the wall. Rough-in assembly type is used on bed head unit or medical pendant. Available in 8mm, 10mm and 12mm diameter copper pipes. The main material is brass to ensure reliable quality and safe use. Our Medical gas outlets are in accordance with ISO EN 9170-1 and ISO 13485 standards.



British Standard Gas Outlets

- Secondary isolating valve enables easy maintenance, without shutting down the pipeline system
- Complies with BS EN 9170-1, EN 737-1and EN ISO 7396-1 standard
- 100% tested for pressure and flow to ensure no leakage
- Color-coded for easy gas identification
- Insertion and extraction 10000 times without failure

Gas Type	Color	Wall Type	Console Type
Oxygen	White	BS-WAL-OXY	BS-CON-OXY
Air 4bar	Black/White	BS-WAL-MA4	BS-CON-MA4
Air 7bar	Black/White	BS-WAL-MA7	BS-CON-MA7
Vacuum	Yellow	BS-WAL-VAC	BS-CON-VAC
N2O	Blue	BS-WAL-N2O	BS-CON-N2O
CO2	Grey	BS-WAL-CO2	BS-CON-CO2
AGSS	Purple	BS-WAL-AGSS	BS-CON-AGSS



German Standard Gas Outlets

- Secondary isolating valve enables easy maintenance, without shutting down the pipeline system
- Complies with DIN 13260-2 and EN737-1 standard
- 100% tested for pressure and flow to ensure no leakage
- Color-coded for easy gas identification
- Insertion and extraction 10000 times without failure

Gas Type	Color	Wall Type	Console Type
Oxygen	White	DIN-WAL-OXY	DIN-CON-OXY
Air 4bar	Black/White	DIN-WAL-MA4	DIN-CON-MA4
Air 7bar	Black/White	DIN-WAL-MA7	DIN-CON-MA7
Vacuum	Yellow	DIN-WAL-VAC	DIN-CON-VAC
N2O	Blue	DIN-WAL-N2O	DIN-CON-N2O
CO2	Grey	DIN-WAL-CO2	DIN-CON-CO2
AGSS	Purple	DIN-WAL-AGSS	DIN-CON-AGSS



French Standard Gas Outlets

- Secondary isolating valve enables easy maintenance, without shutting down the pipeline system
- Comply with EN 737-1 standard
- 100% tested for pressure and flow to ensure no leakage
- Use positioning pin design to avoid gas confusion
- Insertion and extraction 10000 times without failure

Gas Type	Color	Wall Type	Console Type
Oxygen	White	FS-WAL-OXY	FS-CON-OXY
Air 4bar	Black/White	FS-WAL-MA4	FS-CON-MA4
Air 7bar	Black/White	FS-WAL-MA7	FS-CON-MA7
Vacuum	Yellow	FS-WAL-VAC	FS-CON-VAC
N2O	Blue	FS-WAL-N2O	FS-CON-N2O
CO2	Grey	FS-WAL-CO2	FS-CON-CO2
AGSS	Purple	FS-WAL-AGSS	FS-CON-AGSS



Japanese Standard Gas Outlets

- Secondary isolating valve enables easy maintenance, without shutting down the pipeline system
- Complies with JIS standard
- 100% tested for pressure and flow to ensure no leakage
- Color-coded for easy gas identification
- Insertion and extraction 10000 times without failure

Gas Type	Color	Wall Type	Console Type
Oxygen	Green	JIS-WAL-OXY	JIS-CON-OXY
Air 4bar	Yellow	JIS-WAL-MA4	JIS-CON-MA4
Air 7bar	Yellow	JIS-WAL-MA7	JIS-CON-MA7
Vacuum	Black	JIS-WAL-VAC	JIS-CON-VAC
N2O	Cyan	JIS-WAL-N2O	JIS-CON-N2O
CO2	Orange	JIS-WAL-CO2	JIS-CON-CO2
AGSS	Magenta	JIS-WAL-AGSS	JIS-CON-AGSS

Ohmeda/DISS/Chemtron Gas Outlets



Chemtron



DISS

Ohmeda

Brass Body

- 360° swivel metal base for easy installation
- The outlet socket and the base adopt a combined structure, the same gas base can be used universally
- The two stage one-way valve allows for easy maintenance without cutting the gas supply
- 100% tested for pressure and flow to ensure no leakage
- NFPA full-color standard for easy gas identification, and the gas name is marked on the outlet bracket and chrome-plated brass outlet valve body, avoid installation or use errors
- Insertion and extraction 10000 times without failure



Wall Type Outlet with Box

Gas Type	Color	DISS	Ohmeda	Chemetron
Oxygen	Green	DS-WAL-OXY	OH-WAL-OXY	CH-WAL-OXY
Air 4bar	Yellow	DS-WAL-MA4	OH-WAL-MA4	CH-WAL-MA4
Air 7bar	Red	DS-WAL-MA7	OH-WAL-MA7	CH-WAL-MA7
Vacuum	White	DS-WAL-VAC	OH-WAL-VAC	CH-WAL-VAC
N2O	Blue	DS-WAL-N2O	OH-WAL-N2O	CH-WAL-N2O
CO2	Grey	DS-WAL-CO2	OH-WAL-CO2	CH-WAL-CO2
AGSS	Purple	DS-WAL-AGSS	OH-WAL-AGSS	CH-WAL-AGSS



Console Type Outlet

Gas Type	Color	DISS	Ohmeda	Chemetron
Oxygen	Green	DS-CON-OXY	OH-CON-OXY	CH-CON-OXY
Air 4bar	Yellow	DS-CON-MA4	OH-CON-MA4	CH-CON-MA4
Air 7bar	Red	DS-CON-MA7	OH-CON-MA7	CH-CON-MA7
Vacuum	White	DS-CON-VAC	OH-CON-VAC	CH-CON-VAC
N2O	Blue	DS-CON-N2O	OH-CON-N2O	CH-CON-N2O
CO2	Grey	DS-CON-CO2	OH-CON-CO2	CH-CON-CO2
AGSS	Purple	DS-CON-AGSS	OH-CON-AGSS	CH-CON-AGSS



Australia Standard Gas Outlets

- Secondary isolating valve enables easy maintenance, without shutting down the pipeline system
- Comply with EN 737-1 standard
- 100% tested for pressure and flow to ensure no leakage
- Use positioning pin design to avoid gas confusion
- Insertion and extraction 10000 times without failure

Gas Type	Color	Wall Type	Console Type
Oxygen	White	CIG-WAL-OXY	CIG-CON-OXY
Air 4bar	Black/White	CIG-WAL-MA4	CIG-CON-MA4
Air 7bar	Black/White	CIG-WAL-MA7	CIG-CON-MA7
Vacuum	Yellow	CIG-WAL-VAC	CIG-CON-VAC
N2O	Blue	CIG-WAL-N2O	CIG-CON-N2O
CO2	Grey	CIG-WAL-CO2	CIG-CON-CO2
AGSS	Purple	CIG-WAL-AGSS	CIG-CON-AGSS



Venturi Type AGSS Terminal Units

- Complies with EN ISO 9170-2 standard
- Used for safe removal of excess anesthetic gas
- Flow: 25-50L/min (pressure drop: 0.15-0.29 psi)
- Air driving flow: 10-15 L/min (pressure: 58 psi)
- 100% tested for flow, leaks and cleaned



Medical Gas Outlet Box

- 304 S/S material
- Multiple outlet quantities and standards available
- The pipes are silver-welded with purple copper pipes to prevent leakage effectively
- Degreased and cleaned according to CGA G-4.1 standard, the pipeline is tested for gas tightness

BED HEAD UNIT

The bed head unit is mounted on the wall near the patient’s bed. It provides all the necessary facilities for patient treatment, such as medical gases, electronic lighting, telephone, data or nurse call systems.

AmcareMed bed head unit provides clinical flexibility to improve patient area’s treatment and hospital environment. It integrates all essential services in one complete unit. Comply with EN ISO 11197, EN 60601, and ISO13485 standards.



Safe And Secure

High current, low current, medical gas pipeline partitioning, gas and electricity separation.

Comfortable Lighting

Led lighting and reading lights are installed scientifically, and provide comfortable patient lighting.

Exquisite Processing Technology

Anodized CNC finishing end cover, and optional plastic end cover.

Customized Medical Space Environment

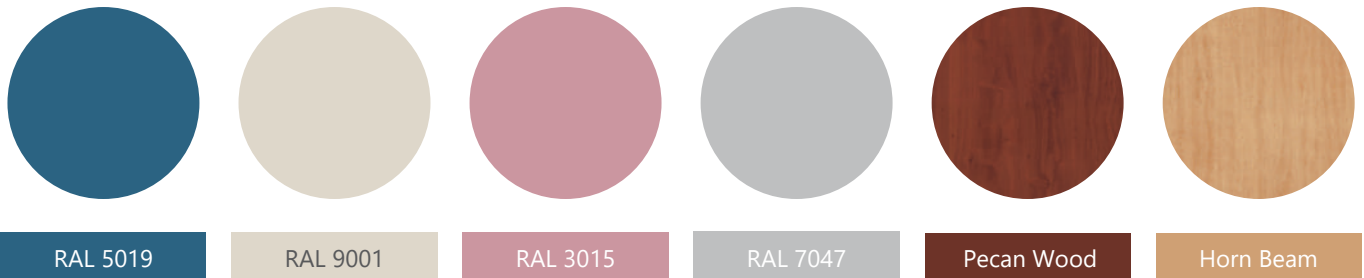
Combining the design styles of hospitals and different wards, use color science design to provide personalized services in various styles and color combinations.

Technical Data

Material	Aluminum Profile
Length	Customizable
Color	Front Decorative Cover in Any Ral Color
Power Supply	24V, 110V, 220~230V, 50~60Hz
Electric Socket Type	British, American, German, Euro and Other Standard
Lights	Direct/Indirect Light Led T5, 8W Examination Lamp (Separate Supply)
Medical Gas Outlets	DIN, AFNOR, BS, JIS, CIG, DISS, OHMEDA, CHEMETRON
Medical Gas Types	Oxygen, Medical Air, Surgical Air, Nitrous Oxide(N2O), Nitrogen, Carbon Dioxide(CO2), Vacuum, Anaesthetic Gas Scavenging System(AGSS)
End Caps	Metal Or Plastic End Cap
Optional Accessories	Telephone Socket, Network Socket (RJ45), Nurse Call, Vacuum Slide Bracket
Standards And Certification	EN ISO 13485: Quality Management Systems CE Medical Devices Marking According To 93/42/EEC Directive

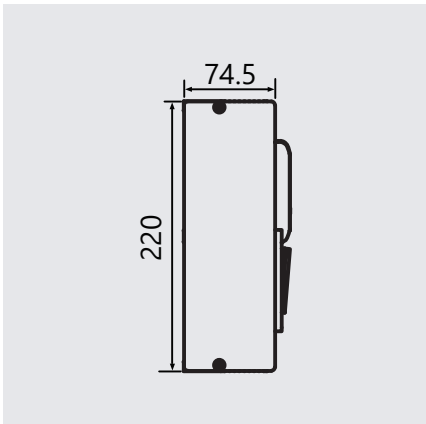
Colors

Amcaremed bed head unit offers a wide range of colours. In addition to the following colors, more colors and patterns can be customized.



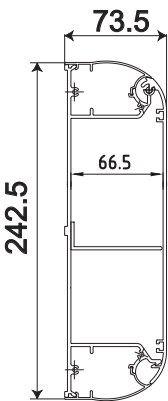
Horizontal Bed Head Unit

NTC 100



- Added gas outlet cover to keep the gas outlet clean and hygienic
- Strict gas-electricity separation, gas outlet, copper pipe arrangement and fixing, circuit wiring is also elaborate
- Applications: general wards, ICU, PACU, ED/TRAUMA

NTC 200



- The front panel can be customized with color or pattern according to requirements
- Medical gas and electrical separation in double layer setting, safe and reliable
- Width is only 60mm, saving more nursing space for patients
- Applications: general wards, children's ward, ICU, PACU, ED/TRAUMA

NTC 300



- The shape of the equipment belt can be freely combined, upper and lower double arc, upper arc lower bevel or upper and lower double bevel
- Width is only 60mm, saving more nursing space for patients
- Applications: general wards, ICU, PACU, ED/TRAUMA



Vertical Bed Head Unit

The vertical bed head unit is recessed into the wall beside the hospital bed. It is mounted to the wall by an expansion screw on the back, and installed easily. These vertical bed head units are flush with the wall and are ideal for areas with limited space.

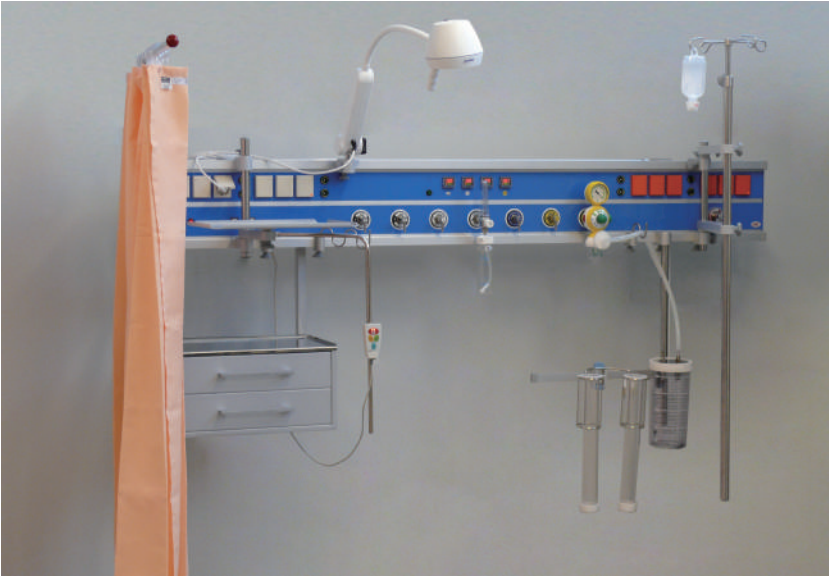
NTC500

- Equipped with vertical rails for mounting the infusion stand, suction jar, lamps and other equipment
- The bed head unit only protrudes 9cm from the wall to release maximum nursing care space
- Vertical bed head units are available studded or non-studded to meet your installation preference



ICU Bed Head Unit

ICU type bed head unit is designed specifically to meet the needs of ICU wards. Compared to the horizontal bed head panel, increased the slide rail, convenient installation of monitor bracket, examination lamp and infusion racks.



NTC600



NTC601



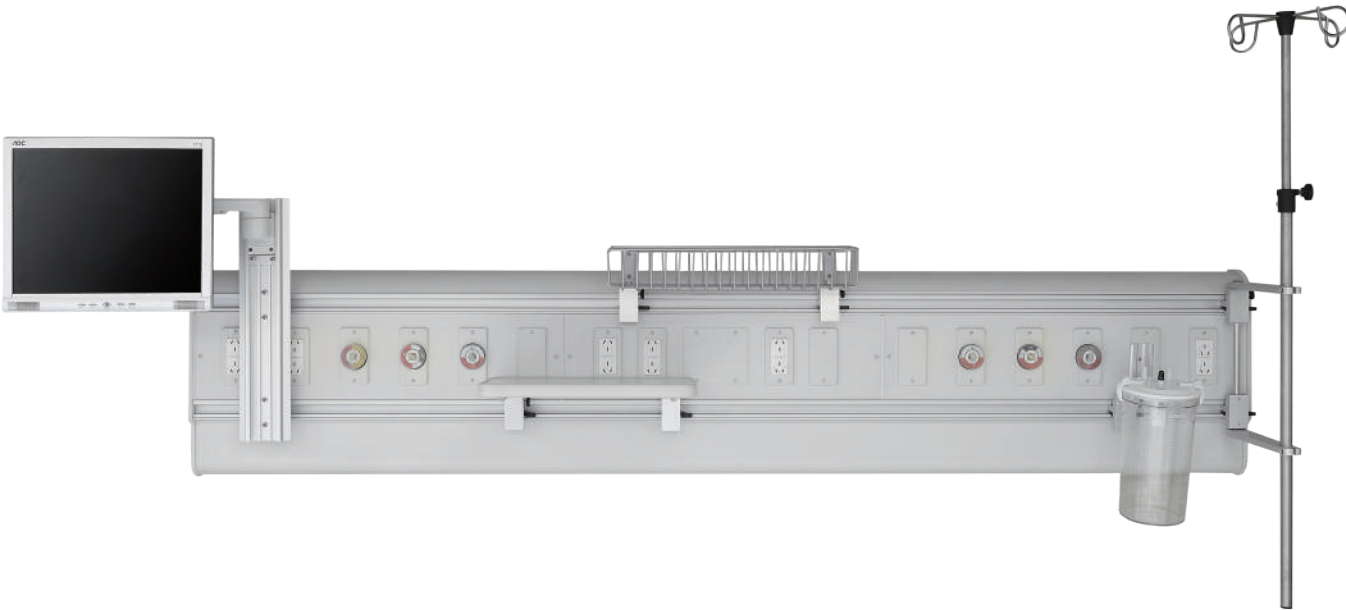
NTC602



Technical Data

Model	NTC600	NTC601	NTC602
Medical Rails	Double Rail	Single Rail	No Rail
Lighting	Direct, Indirect, Night		
Power Supply	24V, 110V, 220~230V, 50~60Hz		
Medical Gas Outlets	DIN, AFNOR, BS, JIS, DISS, OHMEDA, CHEMETRON		
Applications	ICU, PACU, NICU, VIP ROOM, ED/TRAUMA		

NTC 800



- Available in single and double tier configuration
- Contracted design and easily installment
- Only protruding 9cm from the wall, maximum nursing area around the patient
- Two medical device management rails

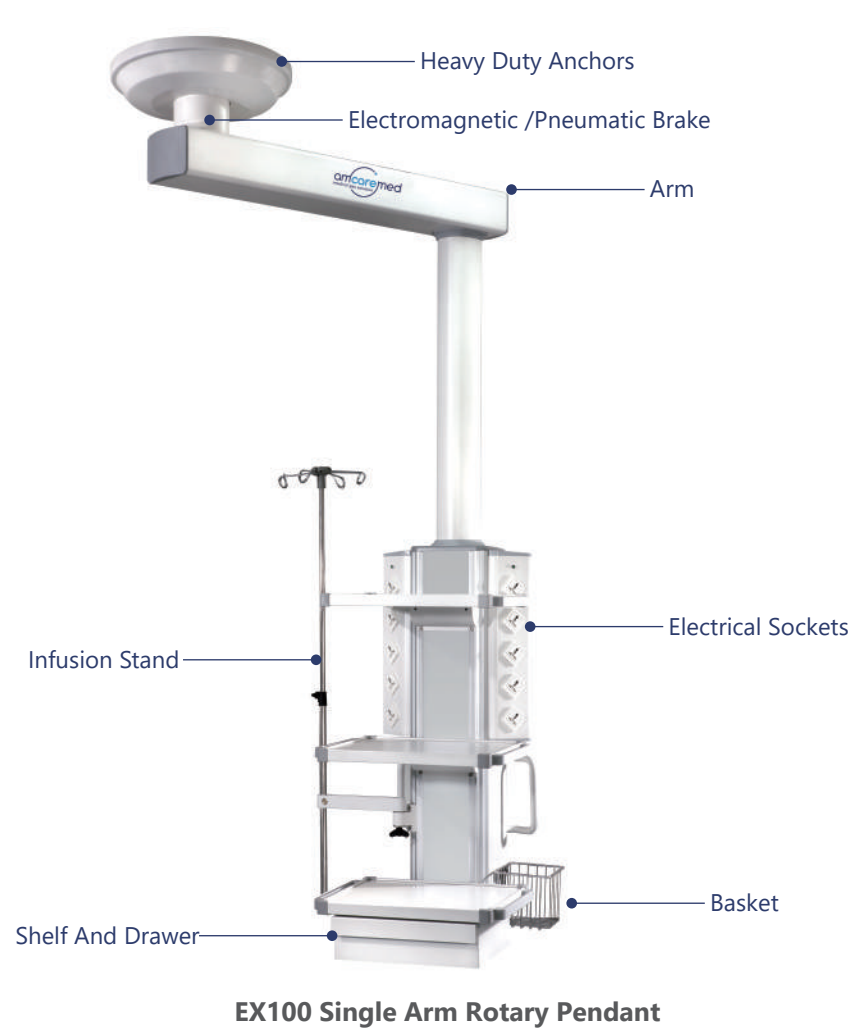


Bed Locator

- Provides up to 8 electrical services or data services
- The specially designed steel structure inside can withstand the high impact of the bed, thus protecting the wall and the patient
- Single piece cover facilitates cleaning and durability choices

MEDICAL PENDANT

AmcareMed medical pendant is an indispensable gas supply medical equipment for the modern operating room of the hospital. It is mainly used for the terminal transfer of medical gases such as oxygen, vacuum, compressed air and nitrogen in the operating room. Comply with EN ISO 11197, EN 60601, and ISO13485 standards.



Brake Button



Rotary Handle

- Single or double arm available
- Manual rotary and motorized arm available for different clinical demands
- Arm rotating range: 340°
- Aluminum profile, electrical device separated in the cabinet
- Electromagnetic /pneumatic brake system to prevent movement
- Maximum load capacity: 220kg
- Ergonomic control console for easy positioning and maneuvering
- Shelves and drawers Load capacity: 100 kg



ICU Bridge Type Pendant

ICU pendants are suitable for ICU and recovery room, the length of the beam: 2000mm-3500, or multi fits hospital connecting parts design. Due to the spacer, the whole ICU setup can be exchanged between wet and dry sides.



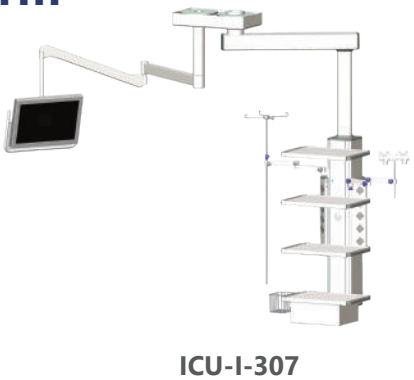
ICU Double Medical Pendant

Designed for the ICU and rescue room, the ICU double medical pendant integrates most of the treatment and care equipment, and supplies gas and electricity in a centralized manner.



Medical Pendant with Monitor Support Arm

Specially designed for endoscopy and ICU room. Multi-layered trays to carry equipment during laparoscopic procedures. Double-armed monitor with flexible movement and adjustable angle. Single or double arm available.



Fixed Column

Specially designed for ICU, emergency room and recovery room. The gas-electric separation structure can be configured with four instrument platforms or more to facilitate the placement of more instruments. One bed with one column.



Ceiling Column

AmcareMed ceiling column is fixed to the ceiling of the operating room to maximize space and prevent congestion when providing medical gas and electrical services. Up to 18 electrical and 12 medical gas outlets can be used per column.



Retractable Ceiling Column

- Can be retracted up and down to expand the range of motion
- Best medical auxiliary equipment for small and medium-sized hospital operating rooms
- Wide range of standard and specification electrical sockets and gas terminals are available
- Durable brushed stainless steel



OPERATING LAMP

AmcareMed LED series shadowless operating lamp can widely be used in diversified operation occasions to meet the demand for illumination. It is the ideal illumination instrument for the modern operating theater.

500LED Shadowless Operating Lamp

- Long service life
- Optional color temperature
- Equipped with imported balance arm suspension system, which is light and handy
- 360 universal designs can satisfy various needed heights and angles in the operation



AM02-3+4 Surgical Shadowless Lamp

- LED has a life expectancy of more than 30,000 hours, each LED can be replaced separately
- The brightness of the illuminance can be adjusted to 16 levels
- The lamp head can be manually adjusted, and the disinfection handle can be rotated to adjust the illumination area



AM700/500 Surgical Shadowless Lamp

- All use Germany OSRAM LED bulbs with 50000 hours life
- Color temperature adjustable. There are three color temperature sections, respectively is 3800 k,4400 k and 5000 k
- Endoscopic mode
- Single disc type design, with circular arc handle is convenient for adjusting the position of the lamp holder
- Each lamp plate with 12/18 led lights



OPERATING ROOM CONTROL PANEL

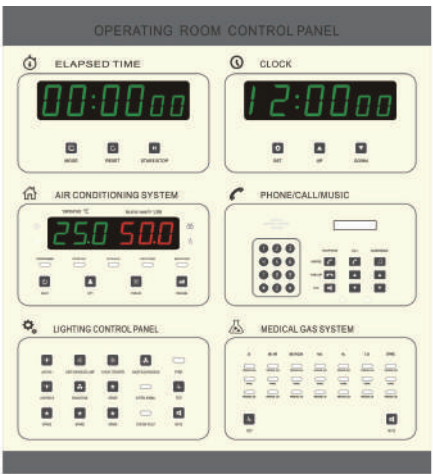
LCD Touch Screen Control Panel



- LCD control panel with a 32/27 inch touch screen
- Anesthesia timing, surgery timing
- Air conditioning unit temperature and humidity display and setting, unit start and stop, duty, vacuum operation, disinfection control, pressure difference display and setting, system operation status display, system fault display, alarm
- Fire alarm, IT power alarm, oxygen, carbon dioxide, compressed air, vacuum, etc. is too high, too low, and normal status

Touch Screen Control Panel

- Time, operating timing, anesthesia countdown
- Air conditioners start/stop, duty switch control, air conditioner operation, fault display, filter blockage status display and alarm
- Lighting, shadowless lamp, viewing light, exhaust gas discharge, automatic door, fan delivery switch and fire alarm
- Display medical gas status



MEDICAL GAS ALARM

AmcareMed medical gas alarm system collects and summarizes the medical gas parameters and the operation of the gas supply equipment in each monitoring site through multi-stage network technology. Comply with ISO 13485 standard.

In case of any abnormal situation, such as failure or shutdown of gas supply equipment, gas pressure, concentration and flow rate are not up to the standard, sound and light alarm shall be issued immediately to inform the staff to carry out maintenance.

All our gas alarm has integrated RS 485 interface, multiple alarms can be networked to connect to the central monitoring system.

LED Area Alarm



AM-AR3

LED area alarm displays the pressure in real time through the digital tube. The alarm point can be set according to the requirements of each parameter.

- ISO or US(NFPA) colors code for easy gas identification
- Stainless steel high-precision pressure sensor, glass panel, ultra-thin and beauty
- Sampling points distance up to 1000 meter
- Quick response, automatically enter working state within 5s after powering on
- With multi-user operation authorization, implement multi level password management
- 100% tested to ensure accuracy

Input Power	110VAC to 240 VAC, 50Hz to 60 Hz
Pressure Range	-0.1~1.0Mpa
LED Size	0.8 Inch

Accuracy	±1.5%
Applicable Gas	O2, Air, Vac, CO2, N2, and N2O, etc.
Installation Type	Wall-mounted or embedded in the wall

Dimensions

Monitoring Gas Point	Dimensions	Monitoring Gas Point	Dimensions
1-GAS	240mm*230mm*60mm	4-GAS	540mm*230mm*60mm
2-GAS	340mm*230mm*60mm	5-GAS	640mm*230mm*60mm
3-GAS	440mm*230mm*60mm	6-GAS	740mm*230mm*60mm

LCD Area Alarm



AM-AR2

LCD medical gas alarm will actively display your medical gas information on a highly visible LCD screen. Provide historical medical gas data query, for engineer operation support and optimization of the system.

- Supports selection of pressure unit and gas color code NFPA/ISO
- Simultaneously monitor up to 7 gases
- Medical gas pressure sampling points distances up to 1000meter
- The buzzer can be muted, and the mute time is adjustable

Input Power	110VAC to 240 VAC, 50Hz to 60 Hz
Pressure Range	-0.1~1.0Mpa

Applicable Gas	O2, Air, Vac, CO2, N2, WAGD and N2O, etc.
Screen Size	10 Inch



AM-AR4



AM-AR5

Alarm Valve Combo Unit

AmcareMed alarm valve combo unit (AVCU) consists of an LED /LCD area alarm and valve box. Flip type open for hospital operating use. Provides different size copper pipelines and uses ball valve design which affects control flow.

- ISO or US(NFPA) colors code for easy gas identification
- Real-time pressure display for different gas types
- 100% tested to ensure accuracy before delivery
- Wall-mounted and embedded in the wall

Master Alarm

Amcaremed medical gas master alarm is a professional accurate design for hospital monitor and managed area alarm. Medical master alarm is equipped with RS-485 communication interface, which can be connected to the area alarm and medical gas plant to control the medical gas in the hospital easily.



AM-MA

- Monitor up to 32 area alarms and 8 medical gas equipment (oxygen generator, air compressor, vacuum pump system and manifold)
- Audio and visual alarm indicators
- Data collected up to 1500 meter
- LCD panel, ultra-thin and beauty
- 100% tested to ensure accuracy
- Size: 340mm*280mm*66mm

Zone Valve Box

Amcaremed multiple zone valve box is available in single (houses one valve) or multiple (houses 2 to 6 valves) types, accommodating a variety of valve sizes. In emergencies, zone valve boxes can also be used to shutoff gas distribution to hospital in different individual zones. All valves are cleaned for medical gas service and include dual gauge ports on the valve extensions. The valve uses stainless steel material or copper ball valve, 100% gas tightness test.



- NFPA /ISO full color standard
- Applicable gas: O2, Air, Vac, CO2, N2, and N2O, etc.
- Dome loaded regulator
- Removable acrylic observation window
- Features a pull-out with the ring
- Stainless steel pressure gauge shows gas pressure
- Valve size: 1/2" to 2-1/2"
- Wall-mounted or embedded in the wall

Model	Gas Point	Dimensions	Model	Gas Point	Dimensions
ZV-X	1-GAS	450mm*300mm*103mm	ZV-XXXX	4-GAS	450mm*650mm*103mm
ZV-XX	2-GAS	450mm*450mm*103mm	ZV-XXXXX	5-GAS	450mm*775mm*103mm
ZV-XXX	3-GAS	450mm*550mm*103mm	ZV-XXXXXX	6-GAS	450mm*900mm*103mm

Ball Valve

- Serviceable design for ease of maintenance
- 100% pressure tested
- Cleaned for medical gas service
- Available in sizes 1/2" to 2-1/2"
- Full-Port design
- Available in locking or non-locking
- Model: BV-size(eg. BV-1/2")



Brass body lockable line valve



Three-piece brass body valve

Medical Gas Indicator Valve

- With 100 PSI, 300 PSI zone pressure indicator valve
- Available in sizes 1/2" to 2-1/2"
- Model: BV-I-size(eg. BV-I-1/2")



Dual Line Regulating Station

- Dual line, one for normal operation and one for backup
- The gas leakage valve is set to adjust the output pressure
- Equipped with emergency security lock, to open the door quickly in case of emergency



Model	Input Pressure	Output Pressure	Safety Valve Opening Pressure	Flow	Dimensions
AM-RS-2500	12bar-25bar	4bar-10bar	11bar	2500L/min	550mm*465mm*160mm
AM-RS-400	6bar-8bar	3bar-5bar	5.5bar	400L/min	550mm*465mm*160mm

Gas Control Panel

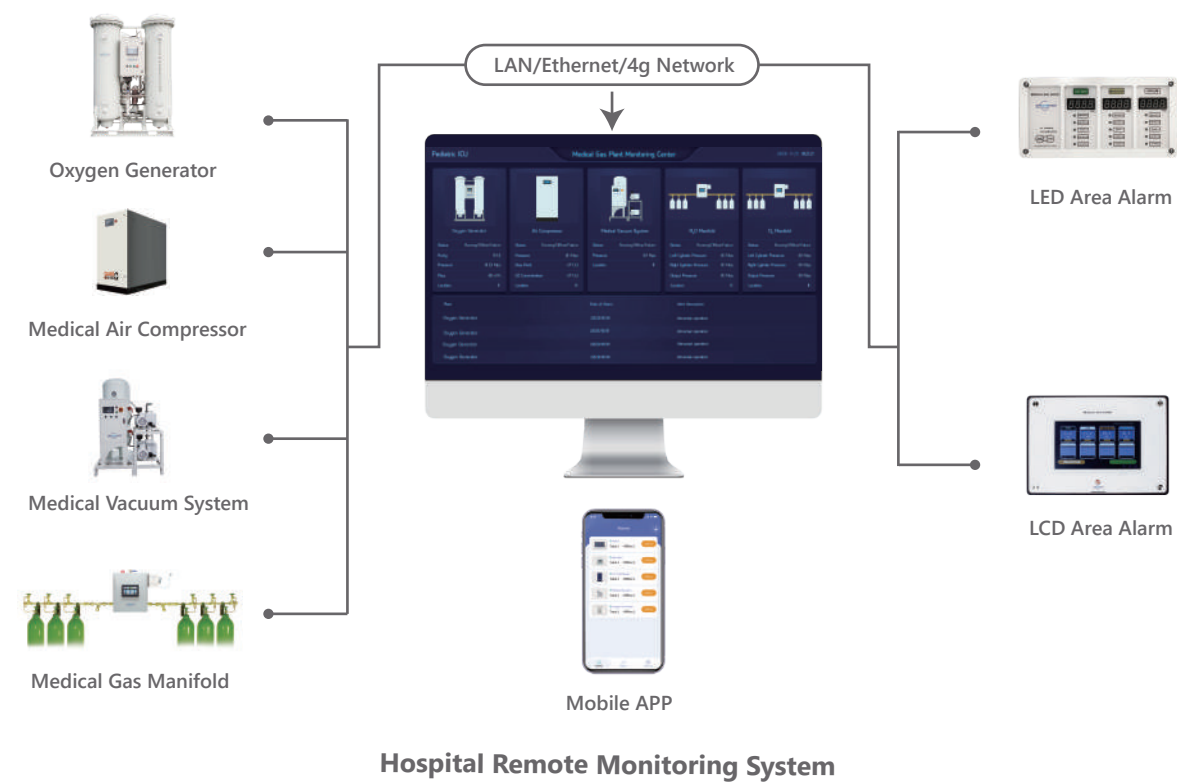
- Maximum supply pressure: 250 PSI (1,724 kPa)
- Manual shut-off valve
- Wall mount with adjustable brackets for different wall thicknesses



Medical Gas Monitoring System

AmcareMed medical gas monitoring system covers medical oxygen, vacuum, air plant and alarms. It integrates pressure, temperature, flow and other data, processing and analyzing them in a unified manner.

Medical gas equipment is connected to the intelligent cloud platform via the Internet. Users can remotely view monitoring data in real time through the web or APP, and manage the operation of medical gas more effectively and quickly to ensure the safety of patients' gas use.



Features

- **Comprehensive monitoring coverage**
Including medical oxygen, medical vacuum, medical air plant and other medical gas alarm systems
- **System data integration analysis**
Integrate and analyze the pressure, temperature, flow and other data monitored in each subsystem, provide historical data and graph display analysis, and provide a scientific basis for medical gas operation management
- **Notify the location of the alarm**
When an abnormal situation occurs, the location of the alarm can be identified through SMS or email, and the cause of the alarm can be quickly found to eliminate the fault
- **Customizable system upgrade**
The system meets the continuous development and construction of different medical institutions, and continuously refines internal needs to expand and upgrade

MEDICAL GAS FLOWMETER

Medical gas flowmeters supply oxygen or air for hypoxic patients at a suitable flow rate.

The flowmeter comprises a flow tube, control valve and humidifier bottle. The oxygen or air enters the humidifier bottle through the flowmeter, and after humidified, it is output according to the set flow value for the patient to inhale oxygen. The flow control knob adjusts the flow rate value.

AmcareMed medical gas flowmeters are designed for dependability and durability. The pressure dome and accuracy are tested which ensures the safety of both the user and the patient.

Single or twin configuration allows a double and independent gas supply using a single gas source.

Brass Body

- Calibrated at 50 psi inlet pressure
- Labeling ISO or US(NFPA) colors code allows for easy gas identification
- 0-5lpm double scale display for easy observation
- Use integral high precision valve
- 100% tested to ensure accuracy
- Mounted with the direct probe
- Back pressure compensation to ensure measurement accuracy



Model: FH-B-O-15 Model: FH-D-O-15

Medical Gas	Oxygen, Medical Air
Flow Ranges	0–1.5lpm, 0–5lpm, 0–10lpm, 0–15lpm, 0–30lpm, 0–50lpm, 0–70lpm
Inlet Pressure	50 psi
Accuracy Of Flow Rate	± 5 %
Screw Thread for Accessory	M 10 * 1 or 1/8" Adapter
Material	Chrome Plated Brass Body, Polycarbonate Inner & Outer Tubes
Complied Standard	Medical Devices Directive 93/42/EEC, EN ISO 15002: 2008

Aluminum Alloy

- Calibrated at 50 psi inlet pressure
- Labeling ISO or US(NFPA) colors code allows for easy gas identification
- Slim body flowmeter, lightweight and user friendly
- 0-5lpm double scale display for easy observation
- 100% tested to ensure accuracy
- Mounted with the direct probe
- Back pressure compensation to ensure measurement accuracy



FH-A-O-15 FH-C-O-15

Medical Gas	Oxygen, Medical Air
Flow Ranges	0–3lpm, 0–5lpm, 0-10lpm, 0–15lpm, 0-30lpm, 0-50lpm, 0-70lpm
Inlet Pressure	50 psi
Accuracy Of Flow Rate	± 5 %
Screw Thread for Accessory	M 10 * 1 or 1/8" Adapter
Material	Aluminum Body, Polycarbonate Inner & Outer Tubes, Stainless Steel Ball
Complied Standard	Medical Devices Directive 93/42/EEC, EN ISO 15002: 2008

FL-DB-O Double Flowmeter



Brass Body



Aluminum Alloy Body

Accessories



Humidifier Bottle

- Volume: 200 ml
- Weight: 0.125kg(AS) , 0.335kg(aluminum)
- Max applicable pressure: 450kpa
- Relief valve triggers: 350kpa-400kpa
- Max sterilized temperature in autoclave at 121°C under the pressure of 210kpa



Rail Clamps with Hose

- Rail bracket/rail locking clamp hospital mounting solution
- Quick and easy install
- Mounts directly on the wall, using standard fixing

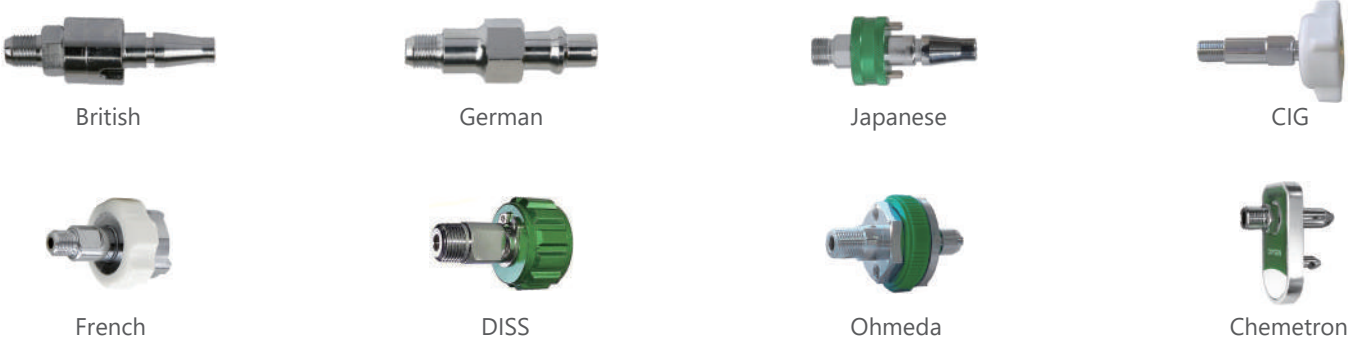
Stainless Steel Rail



Disposable Tubing Swivel Nipple



Inlet Fittings



MEDICAL GAS REGULATORS

The medical gas regulator is a decompression device for cylinder gas, which ensures that the export pressure remains stable when the import pressure and the outlet flow change. All of our medical gas regulators are 100% tested and inspected to give hospitals precise control of multiple gas sources.



Piston Type Flowmeter Regulator

- Piston-type construction
- Flow range: 0-5, 0-10, 0-15LPM
- Outlet pressure: 50psi
- Chromed-plated brass body, polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Back-pressure compensated flowmeters
- 3000 psi maximum inlet pressure
- Gas type: oxygen, medical air, N₂O, CO₂
- Accessories: humidifier bottle, cannula, oxygen mask, spanner

Model

CGA540	CGA870	CGA992	CGA992	CGA992
				
AM-O-GR-02	AM-O-GR-06	AM-O-GR-08	AM-O-GR-10	AM-O-GR-12



Diaphragm Type Flowmeter Regulator

- Diaphragm structure, surface plating
- Flow rangel:0-5, 0-10, 0-15LPM
- Outlet pressure: 50psi
- Chromed-plated brass body, polycarbonate flow tube and hood are impact resistant for maximum durability and service life
- Back pressure compensated flowmeter
- 3000 psi maximum inlet pressure
- Gas type: oxygen, medical air, N₂O, CO₂
- Accessories: humidifier bottle, cannula, oxygen mask, spanner

Model

CGA540	CGA870	CGA992	CGA992	CGA992
				
AM-O-GR-14	AM-O-GR-16	AM-O-GR-04	AM-O-GR-18	AM-O-GR-20

Flow Gauge Regulators

The flow gauge regulators are equipped with single or double pressure gauges. The regulator provides calibration of preset outlet pressure or through knob adjustment.

				
AM-O-GR-582	AM-O-GR-584	AM-O-GR-586	AM-O-GR-588	AM-O-GR-590

- Chrome-plated brass body with all high-pressure brass chamber
- Integrated casting structure
- Oversized adjustment knob for easy operation
- Diaphragm pressure mechanism, the output pressure stable
- 2" diameter gauges
- Internal relief valve

Medical Gas Regulator & Self-Sealing Valve

		
SR-02-992H	SR-03-992H	SR-04-870

- Chrome-plated brass body with all high-pressure brass chamber
- Various standard self-sealing valves are available such as BS, DIN, etc.
- Gas type: oxygen, medical air, N₂O, CO₂

Click Style Flowmeter Regulator

The click style regulator offers many flow setting options 0-1 /0-2 /0-4 /0-6 /0-8 /0-15 /0-25 each. The outlet will connect to a humidifier or an adapter is needed to connect directly with a cannula. Aluminum body with a brass core. Can be applied to various medical gas cylinders, with high quality and low repair rates. Complies with CGA standard.

CR-12-870	CR-13-870	CR-14-870
		
CGA870 Connection DISS Outlet	CGA870 Connection Hose Barb Outlet	CGA870 Connection DISS & Hose Barb Outlet
CR-12-540	CR-13-540	CR-14-540
		
CGA540 Connection DISS Outlet	CGA540 Connection Hose Barb Outlet	CGA540 Connection DISS & Hose Barb Outlet
CR-12-992	CR-12-992H	CR-13-992H
		
CGA992 Connection DISS Outlet	CGA992 Connection DISS Outlet	CGA992 Connection DIN & Hose Barb Outlet

VACUUM REGULATOR

AmcareMed vacuum regulators comply with ISO 13485 standard. Available in various inlet fittings, including OHMEDA, DISS, CHEMETRON, French, British, JIS and DIN Standard.

Equipped with the overflow bottle, no liquid backflow into the central suction system and vacuum gauge during use to ensure the safety of the gas pipeline to prevent cross infection.



VR-I-W Vacuum Regulator

- Dual scale mmhg and kpa
- Shell Color: White
- Durable high-quality ABS protective body and easy to clean
- Color-coded flow ranges with white background for easy reading
- Large adjustment knob, easy to operate
- Pressure gauge is embedded installation; effectively protecting the surface and reducing the incidence of failure

Technical Data

Regulated Vacuum Range	0-760 mm Hg, 0-300mmHg, 0-160mmHg
Operating Modes	Full(Only for 0-760mmHg), OFF And Regulated
Gauge Accuracy	±2.5%
Weight	0.33kg (Overflow Bottle Not Included)
Dimensions	170*76*101mm



0-300mmHg 0-760mmHg



VR-I-XX Vacuum Regulator

The VR-I-XX vacuum regulator is a convenient and lightweight suction regulator. The gauge is outside of the regulator body.

- Available Gauges: 0-400 mmhg, 0-760 mmhg
- Color-coded flow ranges for easy reading
- Dual scale mmhg and kpa
- ABS polymer casing; lightweight, shockproof and durable
- Regulator flow rate is not less than 30L/min (adjustable)
- Gauge accuracy: ± 5% full-scale deflection



VR-S-A Venturi Type Vacuum Regulator

We can provide a venturi-type vacuum regulator for hospitals without a medical vacuum system. It can be connected to the medical air or oxygen system and converted into a suction source.

- Regulated vacuum range: 0-760 mmHg
- Aluminum alloy material, shockproof and durable
- Large control knob for easy vacuum adjustable
- Color-coded flow ranges for easy reading
- Dual scale mmHg and kPa

Vacuum Regulator with Roll Stand

Composed of the frame, vacuum regulator, suction bottle and suction tube. It collects waste liquid in operating room, ICU, ward, emergency room, etc.

- Configure up to 4pcs suction bottles
- Aluminum frame, lightweight and durable
- Each component is connected by the card slot, which is easy to disassemble
- Standard 2m suction tube (length can be customized)



Suction Jar

- Capacity:1liter, 2liter, 4liter with wall slide
- Bottles are made in polycarbonate, and can be used repeatedly
- Autoclavable level to 134°C



Safety Trap

- High-temperature sterilization transparent cup
- Capacity: 170ml
- Connector can be customized according to your requirements



Vacuum Regulator Accessories



Wall Slide Bracket



Slide Bracket For BHU



Bacterial Filter Disks

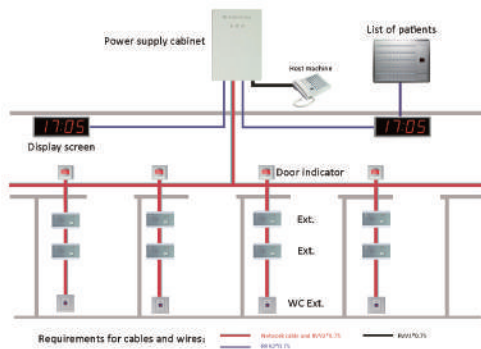


Suction Tube

NURSE CALL SYSTEM

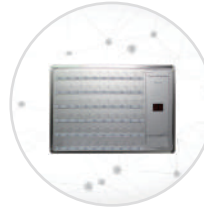
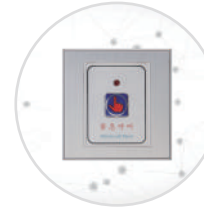


NC-A Series Informatized Digital Nurse Call System



Layout Drawing

- Two-way calling between patients and nursing staff via the hospital's network
- With talk back function
- The sound of talking back between host and extension is clear
- Convenience to change the number of extensions

Host Machine	Nurse Call Extension	List Of Patient	Toilet Room Extension	Display Screen
				

ACCESSORIES

Medical Gas Hose

- Available in custom length and configurations
- Available in a variety of gases
- Available in USA and ISO color



Twin Schrader Adaptor

- Twin outlet valve for attaching two hoses normally to one regulator
- Individual control valves for each outlet
- 100% air tightness test



Self-Sealing Valves

- BS, DIN, JIS, French, Ohmeda, DISS, Chemetron gas indexed
- 100% gas tightness test



Medical Exam Light

- LED light source, high brightness, no temperature rises with slide rail for mounting on bed head unit
- Adjustable brightness, free bending of the hose, and arbitrary positioning, to achieve multi-angle lighting



Monitor Bracket

- Pallet left and right angular: each 180 ° (with damping)
- Pallet pitch adjustment angle: unidirectional maximum 15°
- Bracket load: maximum 40kg
- Can be customized according to the monitor model



Oxygen Mask and Hose

- With adjustable nose clip, elastic strap with/without latex
- Color: green transparent, white transparent and light blue transparent is available
- Length: with 2m tubing, different lengths can be customized
- Anti-crush tube can ensure oxygen follows even if the tube is kinked



Cylinder Trolley

- Used to transport hospital oxygen cylinders
- Suitable for cylinders from 120mm to 168mm in diameter
- CY-C-A is made of chrome-plated steel, and CY-C-B is made of aluminum
- Easy to use and fully adjustable



CY-C-A

CY-C-B