



# ABOUT US

AERTI is a high-tech enterprise that is devoted to developing, manufacturing and exporting qualified oxygen concentrators. We have the team with over 20 years experience on PSA technology. It is always our biggest wish to provide the reliable products and professional service to all users around the world.



CE



ISO13485



RoHS



FSC



# AE SERIES OXYGEN CONCENTRATOR



Big displacement durable oil free compressor



French molecular sieves bed



Intelligent self diagnosis system with failure information indication



Suit for 24\*7 non-stop operation



Ultra Silent design, 5L running sound less than 36dB



Oxygen purity real time monitor& alarm



## Standard Features

- Running time accumulation and timing function
- 4 universal wheels for easy movement
- 5 stages filters provide pure oxygen
- Power failure alarm
- Over heat alarm
- Check filter alarm
- Oxygen purity real time monitor& alarm

## Optional Functions

- Built in nebulizer
- SPO2 function
- Dual oxygen flow

Models	Flow Range	Oxygen Concentration	Power	Max Noise	Output Pressure	Net Weight	Gross Weight	Size
AE-3	0-3L	93±3%	390W	36dB	40-80 kPa	21KG	23KG	37×34×61 cm
AE-5	0-5L	93±3%	390W	36dB	40-80 kPa	21KG	23KG	37×34×61 cm
AE-8	0-8L	93±3%	450W	50dB	40-80 kPa	24KG	26KG	37×34×61 cm
AE-10	0-10L	93±3%	610W	50dB	40-80 kPa	26KG	28KG	37×34×61 cm

# AR SERIES OXYGEN CONCENTRATOR



Durable oil free compressor



French molecular sieves bed



Intelligent self diagnosis system with failure information indication



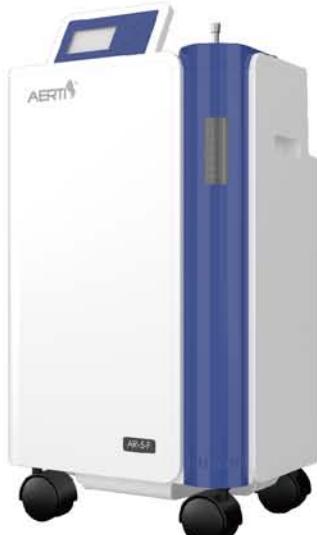
Suit for 24\*7 non-stop operation



Italy GVS bacteria filter



Oxygen purity real time monitor & alarm



## Standard Features

- Elegant and humanized design
- Light weight 13.9KG, compact design
- Large folding 3.5 inches LCD display
- Advanced digital flow regulator with an interval of 0.5L/MIN
- Running time accumulation and timing function
- 5 stages filters provide pure oxygen
- Power failure alarm
- Over heat alarm
- Check filter alarm
- Oxygen purity real time monitor & alarm

## Optional Functions

- Built in nebulizer
- SPO2 function



Nebulizer



SpO2 Sensor

Models	Flow Range	Oxygen Concentration	Power	Max Noise	Output Pressure	Net Weight	Gross Weight	Size
AR-3	0-3L	93±3%	390W	45dB	40-80 kPa	13.9KG	16.3KG	38X30X64cm
AR-5	0-5L	93±3%	390W	45dB	40-80 kPa	13.9KG	16.3KG	38X30X64cm

# AM SERIES OXYGEN CONCENTRATOR



French molecular sieves bed



Intelligent self diagnosis system with failure information indication



Suit for 24\*7 hours non-stop operation



Light weight 11.7kg



Built in Nebulizer



Five stages filters provide pure oxygen

## Standard Features

- Running time accumulation and timing function
- Power failure alarm
- Over heat alarm
- Check filter alarm
- Oxygen purity real time monitor& alarm
- Built in nebulizer
- Quiet design



Models	Power	Flow Range	Oxygen Concentration	Max Noise	Output Pressure	Net Weight	Size
AM-3-N	320W	1-3L	90-96%	39dB	40-80 kPa	11.7 KG	33.3×22.2×52.2 cm

# PORTABLE OXYGEN CONCENTRATOR



Respiration Trigger  
Detection System



Fast Response  
Speed



Intelligent  
Dose



Flow Regulation  
1-5 Gears



Multiple  
Safety Tips



Travel Freely



## Standard Features

- Light weight, small size and humanized design
- Takes 0.019 seconds to trigger breathing detection system
- Respiration trigger detection system
- Power failure alarm
- Low oxygen purity alarm
- Over-Heat alarm
- None breath alarm
- High/low BMP alarm
- Abnormal pressure alarm
- Pipe block alarm
- Low battery alarm

Standard Accessories: Single-Shoulder Bag, Lithium Ion Battery, AC Home Adapter, DC Car Adapter



Battery + Dock Charger Set



# PORTABLE OXYGEN CONCENTRATOR



French molecular sieves bed

US Thomas compressor

US MAC high-speed bullet valve

All sensors

## Technical Data

Model No.	APOC-5	
<b>Power requirement</b>	AC Power Adapter	AC 100~240V 50~60Hz
	DC Power Adapter	DC 12~24V
<b>Internal Battery</b>	Nominal Voltage	14.4V
	Nominal Capacity	6800mAh
	Battery Energy	98Wh
<b>Endurance Time</b>	Up to	4.5 hours
<b>Charging Time</b>	Direct charging in the machine 7h Charge with dock charger for 4h	
<b>Whole machine power</b>	5 gears running charging state	75VA
	5 gears running without battery	55VA
	1 gear running without battery	21VA
<b>Display Screen</b>	3.2" TFT	
<b>Noise</b>	Less than 60dB	
<b>Net Weight</b>	2.35Kg (Including battery)	
<b>Size</b>	225mm*90mm*165mm	
<b>Oxygen Outlet Pressure</b>	120kPa	
<b>Oxygen Purity</b>	90%-96% V/V	
<b>Rated Flow</b>	Pulse dose delivery system Five flow settings:1-5	
<b>Effective Breaths/Minute</b>	10-40 times	
<b>Inspiratory Trigger Pressure</b>	$\leq 0.2 \text{ cm H}_2\text{O}$	

# AM SERIES OXYGEN CONCENTRATOR



French molecular sieves bed



Intelligent self diagnosis system with failure information indication



Suit for 8 non-stop operation



AM-3 is the smallest 3L oxygen machine with continuous oxygen supply



AM-1 with possibility of using outdoors or on-board



Five stages filters provide pure oxygen



## Standard Features

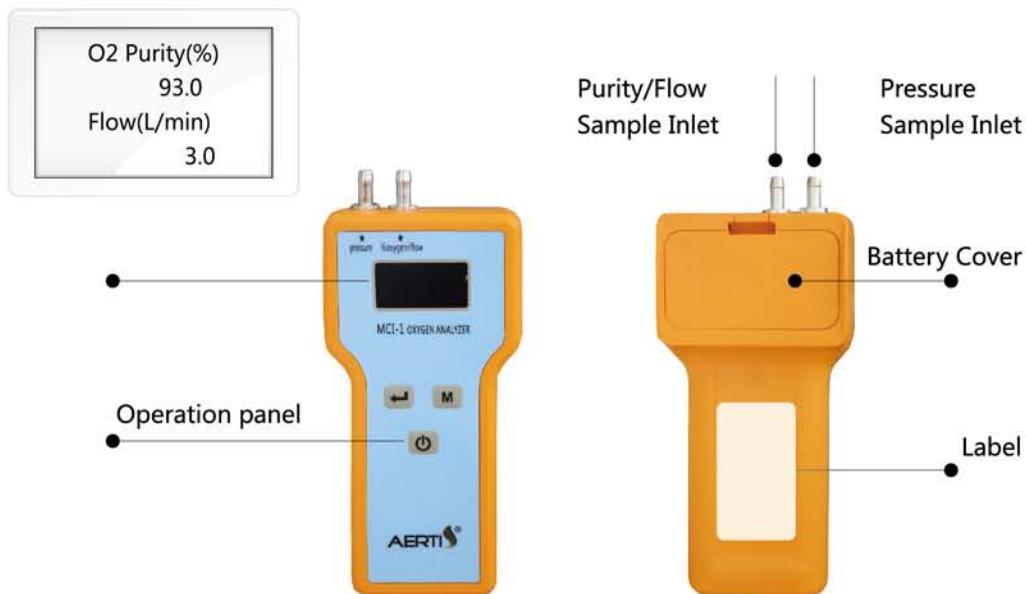
- Running time accumulation and timing function
- Power failure alarm
- Over heat alarm
- Check filter alarm
- Oxygen purity real time monitor& alarm
- Anion oxygen
- Built in humidifier bottle

## Optional Functions

- Built in nebulizer
- Power Inverter ( AM-1 )
- Li battery & trolley bag (AM-1, 220V 50HZ)

Models	Oxygen Concentration	High Purity Max Flow	Adjustable Flow Range	Power	Max Noise	Output Pressure	Net Weight	Size
AM-1	93±3%	1L	1-5L	90W	38dB	40-80 kPa	7.2 KG	32.5×20×32.5 cm
AM-2	93±3%	2L	2-9L	135W	42dB	40-80 kPa	7.7KG	32.5×20×32.5 cm
AM-3	93±3%	3L	1-3L	210W	45dB	40-80 kPa	7.4 KG	32.5×20×32.5 cm

# OXYGEN ANALYZER MCI-1



## Standard Features

- Accurate oxygen measurements
- Convenient to measure outlet pressure in kPa, bar or PSI
- Durable and compact design
- Reinforced sample gas inlet port
- Easy operate and easy calibration
- Ultrasound principle and long service life

Meaurement item	Measurement range	Measurement resolution	Measurement accuracy	Power supply	Net weight	Gross weight	Size
Oxygen purity	30%~96%	0.1%	± 3%	One 9V Battery	115g	670g	145*66*48 (mm)
Flow	1-10L/min	0.1L/min	± 0.2L/MIN (1~2L)				
			± 0.3L/MIN (2~10L)				
Pressure	0-3Bar	1Kpa	± 2%FS	One 9V Battery	115g	670g	145*66*48 (mm)
		0.1Bar					
		0.1Psi					

# AHG SERIES OXYGEN CONCENTRATOR



High flow  
oxygen concentrator

Model	AHG-005	AHG-010	AHG-020	AHG-040	AHG-060	AHG-080
Rated Flow	0-5L/MIN	0-10L/MIN	0-20L/MIN	0-40L/MIN	0-60L/MIN	0-80L/MIN
Oxygen Concentration	93% ± 3%					
Power Consumption	480W	680W	1100W	2200W	3300W	4400W
Working Voltage	Customized					
Oxygen Outlet Pressure	50-120kPa available					
Weight (whole machine)	38KG	46KG	76KG	135KG	242KG	292KG
Dimension with case (mm)	420×440×690	420×440×690	550×480×845	940×640×900	940×600×1650	940×600×1650

• 15/30/45LPM are available.

## Application

- Medical use in hospital
- Fish farming, aquaculture
- Oxygen supply for ozone generator
- Veterinary use etc

## Features

- Power failure alarm
- Over-heat alarm
- Low purity alarm
- Cumulative running time display

# AHH SERIES OXYGEN CONCENTRATOR



## Features

- Customized high pressure up to 400kPa
- Power failure alarm
- Over-heat alarm
- Low purity alarm
- Cumulative running time display
- Built-in freeze dryer



France  
imported  
sieves bed



Intelligent  
control  
system



Large gas  
displacement  
compressor



5"  
Colorful  
LCD screen

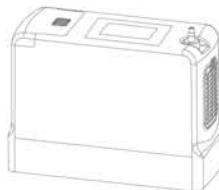
Model	AHH-020
Flow Rate	0-20L/MIN
Concentration	93 ± 3%
Reference Power	2600W
Power Supply	220V ± 10%, 50Hz ± 1; Customized
Outlet Pressure	140-400 kPa
Sound Level	≤65 db
Weight	148KG
Dimension with Case (mm)	900 × 520 × 1350 MM

HEALTH AND DREAMS

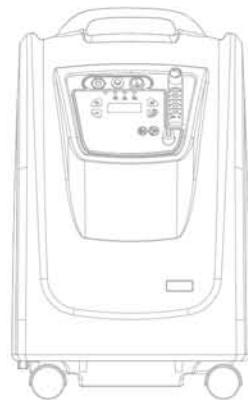
PROFESSIONAL ON OXYGEN CONCENTRATORS SINCE 2000



AR SERIES



APOC SERIES



AE SERIES

**13.9KG**

Folding 3.5" LCD;  
Power Failure Alarm;  
Over-Heat Alarm;  
Low Purity Alarm  
Maintenance Prompt;  
Power On Self Test.

**2.35KG**

Light Weight 2.35 kg;  
Small Size;  
Fast Response;  
Built in Battery;  
Multiple Intelligent Alarms;

**36dB**

Low Noise Design;  
HEPA filters;  
Power Failure Alarm;  
Over-Heat Alarm;  
Suit for 24 hours operation;  
20000 hours long working life.

SHENYANG AERTI TECH CO.,LTD.

Add : No.77-1, 13th Road, Shenyang Economic & Technological Development Area, Shenyang City, 110027 Liaoning, P.R.China

Tel: +86-024-31229971-8002

Email : [jessica@aerti.com.cn](mailto:jessica@aerti.com.cn)

Website : [www.aerti.com.cn](http://www.aerti.com.cn)