

MEDICAL CARE,
WHEREVER POWERFUL GAS AROUND US



CARE MY HEALTH

INNOVATIVE TECHNOLOGY ENTERPRISE 2020-2030



ANGELBISS, stable & long lifetime basis
the **Only** one can control the O₂ Purity Fluctuation within 0.1%
the **Only** one make the world's first 5L battery back up Oxygen Concentrator
the **Only** one to test 5L Oxygen flow attain 93 % on 15000 feet Tibet mountain



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ANGELBISS ANGEL LEVEL OXYGEN CONCENTRATOR



AngelBiss company is the first one of the world to focus on fluctuation of an oxygen concentrator as well as the first one can control the fluctuation rate within 0.1% so far (industrial average level is over 0.6%).

Lower fluctuation rate means that the oxygen concentrator is less chance of defect in every connected parts, thus it runs perfect and durable life

Angel level oxygen concentrator shares 24 hours a day, 7 days a week, and over total 18000 hours assurance of oxygen supply.



What is this ?

Oxygen concentrator is intended for individual use as an oxygen supplement device in a home or care facility. It is an electronically operated device that can collect oxygen from ambient air.

Who needs this?

Most of the COPD patients (Chronic Obstructive Pulmonary Disease) who are recommended as the intended users. For healthcare purpose, those with low levels of oxygen in their blood are also suitable to keep one.

Clinical Evidence

An oxygen concentrator provides high concentration of oxygen directly to you through a nasal cannula, mask or other methods. Clinical studies have documented that oxygen concentrator are therapeutically equivalent to other types of oxygen delivery systems. Special rules are matured on the Europe Quality System Standards ISO13485, CE, British Standard EN ISO80601-2-69, and American standards FDA



◆ PARTS INTRODUCTION ◆



Automatic heavy humidity remove molecular sieve



Easy, humanity user panel



Sole Technology Patent mark



Individual OXYGEN outlet, Optional NEBULIZE outlet



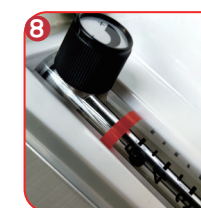
Luxury LED display



Universe HEPA dust filter



Smart Touch Panel



Lying angle eye sight flow meter

◆ Display Function ◆



Each Run minutes & Total hours



High Purity O2, monitoring the device safety 24hours



Timer Setting

Why this is better than traditional oxygen cylinder ?

Oxygen 24 hours

– Unlike oxygen cylinder, an oxygen concentrator always collecting high purity oxygen from ambient air as long as it has a supply of power. 24 hours a day, 7 days a week, and over total 10000 hours assurance of oxygen supply.

Safe & Save

– Unlike oxygen cylinder, an oxygen concentrator no need to refill regularly at a nominated station. It saves our daily costs. And furthermore it only provides oxygen when you need it to run on, keep you in safe of flammability

Flexibility

– Unlike bulky and heavy oxygen cylinder, an oxygen concentrator is light in net weight, portable with handle and movable with castors for convenience.

Main Products in Manufacturing

Oxygen Concentrator (Regular Pressure 0.4~0.7bar version)



5LPM Oxygen Concentrator



Rechargeable 5L Oxygen Concentrator



10LPM Oxygen Concentrator



Dual flow 10LPM Oxygen Concentrator

Oxygen Generator (High Pressure 1.4bar~6bar version)



40/50/60LPM Dual Flow



20/30LPM



10LPM



20LPM Vacuum Flow



Rechargeable (3hours)



25LPM Vacuum Flow



25LPM Electric Suction



30LPM Electric Suction

Vacuum Suction Devices

5LPM Oxygen Concentrator

ANGELBISS, The first one to focus on Fluctuation of an oxygen concentrator, the first one CAN control the Fluctuation rate within 0.1%



◆ FEATURES

A Touch operate multi-functional units
5Liter with 93%±3% oxygen purity output for COPD users
Oxygen Purity Display by Numbers (Accuracy 00.0%)
Timer
Large 6' LED Light Display all functional data
Accumulated total running hours

◆ Special Features only provided by AngelBiss Technology

The world's NO. 1 Oxygen Output Purity Fluctuation rate controlled within 0.1%
Automatic heavy humidity remove molecular sieve
Independent Oxygen outlet & nebulizer outlet system
Child Lock settings
3 years warranty or 18000hours lifetime
Durable use for environment areas at high temperature (45℃) , high altitude (15000 feet)

◆ Accessories

ANGEL-5S ANGEL-5N	1 Humidified bottle
	1 Outlet tube
	1 Cannula
ANGEL-5A ANGEL-5	1 Nebulizer kit
	1 Humidified bottle
	1 Outlet tube
	1 Cannula

◆ Models and Functions

Model No	Max O ₂ Flow	O ₂ Purity	Volts	Watts	O ₂ Pressure	Noise	Nebulizer	Timer	Alarm	O ₂ 00.0% Display
ANGEL-5S	5L/min	93%±3%	AC 220~240V	350W	≤0.7bar	≤43 dB(A)	YES	YES	YES	YES
ANGEL-5A	5L/min	93%±3%	AC 220~240V	350W	≤0.7bar	≤43 dB(A)	NO	YES	YES	YES
ANGEL-5N	5L/min	93%±3%	AC 220~240V	350W	≤0.7bar	≤43 dB(A)	YES	YES	NO	NO
ANGEL-5	5L/min	93%±3%	AC 220~240V	350W	≤0.7bar	≤43 dB(A)	NO	YES	NO	NO

◆ Technical Specifications

System Map	Functions	Angel-5S
Oxygen Driving System	Oxygen Flow	0.5~5L/min
	Oxygen Concentration	93% ±3%
	Oxygen Output Pressure	0.4~0.7bar
	Oxygen Number Display	YES, 00.0%~96.0%
Nebulizer System	Nebulizer influence O2 purity?	Never
	Individual Nebulizer Outlet	YES
	Display Method	On LED screen
	Operating Way	By touch panel button
	Nebulizing Particle Size	3.6μm±25% at 0.14Mpa
Screen Display System	Display Material	All by LED lights
	What Can Be Displayed ?	"Oxygen" light on
		"Nebulize" light on
		"Purity Percentage" light on
		"Each Running Time" light on
		"Accumulated Time" light on
		"Timer Setting Minutes"
		"Child Lock"
Operating System	Operating Panel	E- Touch
	OXYGEN	Start to produce Oxygen
	NEBULIZE	Start to run Nebulizer
	TIMER "+" and "-"	Setting from 0 to 3 hours
6 Safety System	Child Lock	Lock all Buttons
	Low Oxygen Alarm	Yes
	Oxygen Pressure Protection Alarm	Yes
	Pressure Faulty Alarm	Yes
	Power off Alarm	Yes
	Compressor Faulty Alarm	Yes
Packaging Details	Overheated Protection	Yes
	Net / Gross Weight	16.5 / 18.7kg
	Body / Carton Size	380*270*580 / 460*350*680mm

Successful experiment

This machine was tested on 15000 feet Tibet mountain when 5L Oxygen flow , and attain 93 %

RECHARGEABLE 5L OXYGEN CONCENTRATOR (AC, DC, BATTERIES)

ANGELBISS, The first one to make out the world ' s first battery operated 5LPM Oxygen Concentrator

Lithium Battery
DC 24V

5

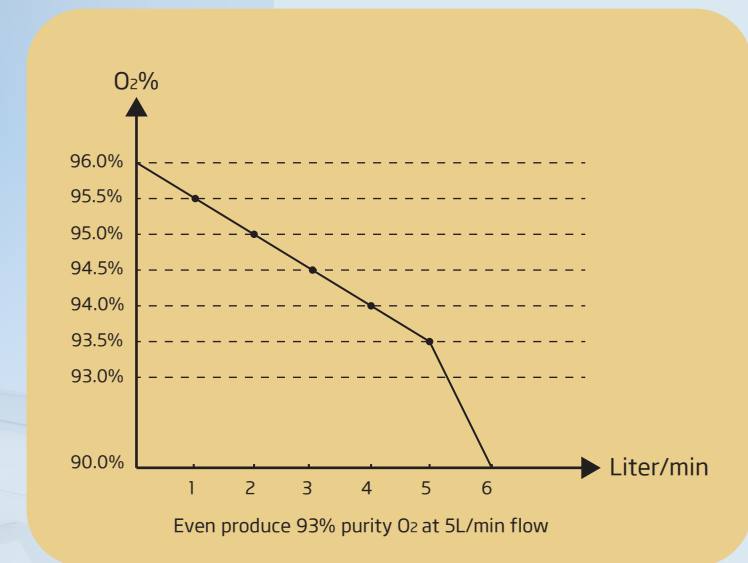
5 Liter

Oxygen Purity

Timer

Accumulated
hours

LED Display



◆ FEATURES

Durable Lithium Battery Operated DC 24V
Fast recharge in 120 minutes, Continuous run 120 minutes (2 hour)
5Liter with 93%±3% oxygen purity output for COPD users
Oxygen Purity Display by Numbers (Accuracy 00.0%)
Timer & Touch operated buttons
Large 6' LED Light Display all functional data
Accumulated total running hours

◆ Special Features only provided by AngelBiss Technology

The world's first battery operated 5LPM@93% Oxygen Concentrator
The world's NO. 1 Oxygen Output Purity Fluctuation rate controlled within 0.1%
Automatic heavy humidity remove molecular sieve
Independent Oxygen outlet & nebulizer outlet system
Child Lock settings

◆ Models and Functions

Model No	Max O2 Flow	O2 Purity	Volts	Watts	O2 Pressure	Noise	Nebulizer	Timer	Alarm	O2 00.0% Display	Battery
ANGEL-5SB	5L/min	93%±3%	DC 24V	350W	≤0.7bar	≤43 dB(A)	YES	YES	YES	YES	YES
ANGEL-5AB	5L/min	93%±3%	DC 24V	350W	≤0.7bar	≤43 dB(A)	NO	YES	YES	YES	YES

Successful
experiment

This machine was tested on 15000 feet Tibet mountain when 5L Oxygen flow , and attain 93 %

◆ Accessories

1 Lithium Battery Set DC 24V
1 Power adapter
1 Separatable power cord wire
1 Humidified bottle
1 Outlet tube
1 Cannula
1 Nebulizer kit (if any)

◆ Technical Specifications

System Map	Functions	Battery Operated
Oxygen Driving System	Oxygen Flow	0.5 ~ 5L/min
	Oxygen Concentration	93% ±3%
	Oxygen Output Pressure	0.4~0.7bar
	Oxygen Number Display	YES
Electrical System	Rechargeable Battery Position	At back, separatable, replaceable
	Power Consumption	DC24V, 350 W
	Adapter Power	AC 220~240V Input, DC 24V Output
	Lithium Batteries (If new)	1 set, DC 24V Full charge time about 2 hours
	Noise Level	Support use time 2 hours <43dB(A)
Screen Display System	Display Material	All by LED lights
	What Can Be Displayed ?	"Oxygen" light on
		"Nebulize" light on(If any)
		"Purity Percentage" light on
		"Each Running Time" light on
		"Accumulated Time" light on
		"Timer Setting Minutes"
Operating System	Operating Panel	E- Touch
	OXYGEN	Start to produce Oxygen
	NEBULIZE	Start to run Nebulizer(If any)
	TIMER "+" and "-"	Setting from 0 to 3 hours (15mins increase or decrease)
6 Safety System	Low Oxygen Alarm	Yes
	Oxygen Pressure Protection Alarm	Yes
	Pressure Faulty Alarm	Yes
	Power off Alarm	Yes
	Compressor Faulty Alarm	Yes
	Overheated Protection	Yes
Packaging Details	Net / Gross Weight	16.5 / 18.7kg
	Body / Carton Size	380*270*580 / 460*350*680mm

10L OXYGEN CONCENTRATOR

ANGELBISS, **The first one** to focus on Fluctuation of an oxygen concentrator, **the first one** CAN control the Fluctuation rate within 0.1%

Accessories

- 1 Humidified bottle
- 1 Outlet tube
- 1 Cannula
- 1 Nebulizer kit (if any)



FEATURES

- 1 The best Touch operate multi-functional units.
- 2 All can be with 93% ± 3% oxygen purity output
- 3 Oxygen Purity Display by Numbers (Accuracy 00.0%)
- 4 Timer
- 5 Large 6' LED Light Display all functional data
- 6 Accumulated total running hours

Special Features only provided by AngelBiss Technology

- The world's NO. 1 Oxygen Output Purity Fluctuation rate controlled within 0.1%
- Automatic heavy humidity remove molecular sieve
- Independent Oxygen outlet & nebulizer outlet system
- Child Lock settings
- 3 years warranty or 18000hours lifetime
- Durable use for environment areas at high temperature (45 C) , high altitude (15000 feet)

Models and Specifications

Model No	Max O ₂ Flow	O ₂ Purity	Volts	Watts	O ₂ Pressure	Noise	Timer	Nebulizer	Alarm	O ₂ 00.0% Display
ANGEL-10S	10L/min	93%±3%	AC 220~240V	750W	≤0.7bar	≤55 dB(A)	YES	YES	YES	YES
ANGEL-10A	10L/min	93%±3%	AC 220~240V	750W	≤0.7bar	≤55 dB(A)	YES	NO	YES	YES

Other Details

System Map	Functions	Specifications
Oxygen Driving System	Oxygen Flow	10L Per Minute
	Oxygen Concentration	93%±3%
	Oxygen Output Pressure	0.4~0.7bar
	Oxygen Number Display	YES
Screen Display System	Display Material	All by LED lights
	What Can Be Displayed ?	"Oxygen" light on
		"Nebulize" light on(if any)
		"Purity Percentage" light on
		"Each Running Time" light on
		"Accumulated Time" light on
Operating System	Operating Panel	E- Touch
	OXYGEN	Start to produce Oxygen
	NEBULIZE	Start to run Nebulizer(if any)
	TIMER "+" and "-"	Setting from 0 to 3 hours (15mins increase or decrease)
6 Safety System	Low Oxygen Alarm	Yes
	Oxygen Pressure Protection Alarm	Yes
	Pressure Faulty Alarm	Yes
	Power off Alarm	Yes
	Compressor Faulty Alarm	Yes
	Overheated Protection	Yes
Packaging Details	Machine Body Size	570*400*650mm
	Import Carton Size	710*460*800mm
	Net Weight per Unit	42kg
	Import Gross Weight per Carton	53kg

10L DUAL FLOW OXYGEN CONCENTRATOR



◆ FEATURES

- 1 Dual flow
- 2 All can be with 93% ± 3% oxygen purity output when total 10LPM output
- 3 Oxygen Purity Display by Numbers (Accuracy 00.0%)
- 4 Timer
- 5 Large 6' LED Light Display all functional data
- 6 Accumulated total running hours

◆ Models and Specifications

Model No	Max O ₂ Flow	O ₂ Purity	Volts	Watts	O ₂ Pressure	Noise	Timer	Nebulizer	Alarm	O ₂ 00.0% Display
ANGEL-10AD	10L/min	93%±3%	AC 220~240V	750W	≤0.7bar	≤55 dB(A)	YES	NO	YES	YES

◆ Other Details

System Map	Functions	Specifications
Oxygen Driving System	Oxygen Flow	10L Per Minute
	Oxygen Concentration	93% ±3%
	Oxygen Output Pressure	0.4~0.7bar
	Oxygen Number Display	YES
Screen Display System	Display Material	All by LED lights
	What Can Be Displayed ?	"Oxygen" light on
		"Purity Percentage" light on
		"Each Running Time" light on
		"Accumulated Time" light on
Operating System	Operating Panel	E- Touch
	OXYGEN	Start to produce Oxygen
	TIMER "+" and "-"	Setting from 0 to 3 hours (15mins increase or decrease)
6 Safety System	Low Oxygen Alarm	Yes
	Oxygen Pressure Protection Alarm	Yes
	Pressure Faulty Alarm	Yes
	Power off Alarm	Yes
	Compressor Faulty Alarm	Yes
	Overheated Protection	Yes
Packaging Details	Machine Body Size	570*400*650mm
	Import Carton Size	710*460*800mm
	Net Weight per Unit	43kg
	Import Gross Weight per Carton	54kg



10L HIGH PRESSURE OXYGEN CONCENTRATOR

1.4~6bar Oxygen Output

ANGELBISS, **The first one** to focus on Fluctuation of an oxygen concentrator, **the first one** CAN control the Fluctuation rate within 0.1%

Accessories

1 Outlet tube 5 meters



FEATURES

- 1 Oxygen Pressure is adjustable from 1.4bar to 6bar
- 2 All can be with 93% ± 3% oxygen purity output
- 3 Oxygen Purity Display by Numbers (Accuracy 00.0%)
- 4 Large 6' LED Light Display all functional data
- 5 Accumulated total running hours
- 6 With wheels, easy movable

Special Features only provided by AngelBiss Technology

The world's NO. 1 Oxygen Output Purity Fluctuation rate controlled within 0.1%

Automatic heavy humidity remove molecular sieve

Durable use for environment areas at high temperature (45 C) , high altitude (15000 feet)

Models and Specifications

Model No	Max O ₂ Flow	O ₂ Purity	Volts	Watts	O ₂ Pressure	Noise	Alarm	O ₂ 00.0% Display
ANGEL-10SP	10L/min	93%±3%	AC 220~240V	1100W	≤0.6bar	≤55 dB(A)	YES	YES

Other Details

System Map	Functions	Specifications
Oxygen Driving System	Oxygen Flow	10L Per Minute
	Oxygen Concentration	93% ±3%
	Oxygen Output Pressure	1.4~6bar
	Oxygen Number Display	YES
Screen Display System	Display Material	All by LED lights
	What Can Be Displayed ?	"Oxygen" light on
		"Purity Percentage" light on
		"Each Running Time" light on
		"Accumulated Time" light on
Operating System	On/Off	Start to produce Oxygen
	Pressure Valve	Adjust oxygen output pressure
	Pressure Gauge	Show current oxygen output pressure (MPa)*
	Flow Meter	Adjust oxygen flow (L/min)
6 Safety System	Low Oxygen Alarm	Yes
	Oxygen Pressure Protection Alarm	Yes
	Pressure Faulty Alarm	Yes
	Power off Alarm	Yes
	Compressor Faulty Alarm	Yes
	Overheated Protection	Yes
Packaging Details	Machine Body Size	590*510*653mm
	Import Carton Size	720*560*800mm
	Net Weight per Unit	52kg
	Import Gross Weight per Carton	68kg

★ 1MPa=10bar=1000KPa=145psi

20L/30L HIGH PRESSURE OXYGEN GENERATOR

1.4~6bar Oxygen Output

ANGELBISS, **The first one** to focus on Fluctuation of an oxygen concentrator, **the first one** CAN control the Fluctuation rate within 0.1%

Accessories

1 Outlet tube 5 meters



FEATURES

- 1 Oxygen Pressure is adjustable from 1.4bar to 6bar
- 2 All can be with 93% ± 3% oxygen purity output
- 3 Oxygen Purity Display by Numbers (Accuracy 00.0%)
- 4 Large 6' LED Light Display all functional data
- 5 Accumulated total running hours
- 6 With wheels, easy movable

Special Features only provided by AngelBiss Technology

The world's NO. 1 Oxygen Output Purity Fluctuation rate controlled within 0.1%

Automatic heavy humidity remove molecular sieve

Durable use for environment areas at high temperature (45℃) , high altitude (15000 feet)

Models and Specifications

Model No	Max O ₂ Flow	O ₂ Purity	Volts	Watts	O ₂ Pressure	Noise	Alarm	O ₂ 00.0% Display
ANGEL-20SP	20L/min	93%±3%	AC 220~240V	1900W	≤0.6bar	≤55 dB(A)	YES	YES
ANGEL-30SP	30L/min	93%±3%	AC 220~240V	2650W	≤0.6bar	≤55 dB(A)	YES	YES

Other Details

System Map	Functions	Specifications
Oxygen Driving System	Oxygen Flow	20L/30L Per Minute
	Oxygen Concentration	93% ±3%
	Oxygen Output Pressure	1.4~6bar
	Oxygen Number Display	YES
Screen Display System	Display Material	All by LED lights
	What Can Be Displayed ?	"Oxygen" light on
		"Purity Percentage" light on
		"Each Running Time" light on
Operating System	On/Off	Start to produce Oxygen
	Pressure Valve	Adjust oxygen output pressure
	Pressure Gauge	Show current oxygen output pressure (MPa)*
	Flow Meter	Adjust oxygen flow (L/min)
6 Safety System	Low Oxygen Alarm	Yes
	Oxygen Pressure Protection Alarm	Yes
	Pressure Faulty Alarm	Yes
	Power off Alarm	Yes
	Compressor Faulty Alarm	Yes
	Overheated Protection	Yes
Packaging Details	Machine Body Size	20L: 830*580*1080mm 30L: 830*580*1080mm
	Import Carton Size	20L: 870*630*1240mm 30L: 870*630*1240mm
	Net Weight per Unit	20L: 110kg 30L: 130kg
	Import Gross Weight per Carton	20L: 128kg 30L:146kg

★ 1MPa=10bar=1000KPa=145psi

40L/50L/60L HIGH PRESSURE OXYGEN GENERATOR

1.4~6bar Oxygen Output

ANGELBISS, The first one to focus on Fluctuation of an oxygen concentrator, the first one CAN control the Fluctuation rate within 0.1%

Accessories

1 Outlet tube 5 meters



FEATURES

- 1 Oxygen Pressure is adjustable from 1.4bar to 6bar
- 2 All can be with 93% ± 3% oxygen purity output
- 3 Oxygen Purity Display by Numbers (Accuracy 00.0%)
- 4 Large 6' LED Light Display all functional data
- 5 Accumulated total running hours
- 6 With wheels, easy movable

Special Features only provided by AngelBiss Technology

The world's NO. 1 Oxygen Output Purity Fluctuation rate controlled within 0.1%

Automatic heavy humidity remove molecular sieve

Durable use for environment areas at high temperature (45℃) , high altitude (15000 feet)

Models and Specifications

Model No	Max O ₂ Flow	O ₂ Purity	Volts	Watts	O ₂ Pressure	Noise	Alarm	O ₂ 00.0% Display
ANGEL-40SP	40L/min	93%±3%	AC 220~240V	3550W	≤0.6bar	≤55 dB(A)	YES	YES
ANGEL-50SP	50L/min	93%±3%	AC 220~240V	4300W	≤0.6bar	≤55 dB(A)	YES	YES
ANGEL-60SP	60L/min	93%±3%	AC 220~240V	5300W	≤0.6bar	≤55 dB(A)	YES	YES

Other Details

System Map	Functions	Specifications
Oxygen Driving System	Oxygen Flow	40L/50L/60L Per Minute
	Oxygen Concentration	93% ±3%
	Oxygen Output Pressure	1.4~6bar
	Oxygen Number Display	YES
Screen Display System	Display Material	All by LED lights
	What Can Be Displayed ?	"Oxygen" light on
		"Purity Percentage" light on
		"Each Running Time" light on
Operating System	On/Off	Start to produce Oxygen
	Pressure Valve	Adjust oxygen output pressure
	Pressure Gauge	Show current oxygen output pressure (MPa)*
	Flow Meter	Adjust oxygen flow (L/min)
6 Safety System	Low Oxygen Alarm	Yes
	Oxygen Pressure Protection Alarm	Yes
	Pressure Faulty Alarm	Yes
	Power off Alarm	Yes
	Compressor Faulty Alarm	Yes
	Overheated Protection	Yes
Packaging Details	Machine Body Size	40L: 910*615*1730mm 50L: 910*615*1730mm 60L: 910*615*1730mm
	Import Carton Size	40L: 960*670*1880mm 50L: 960*670*1880mm 60L: 960*670*1880mm
	Net Weight per Unit	40L: 140kg 50L: 160kg 60L: 180kg
	Import Gross Weight per Carton	40L: 165kg 50L: 185kg 60L: 205kg

★ 1MPa=10bar=1000KPa=145psi



Portable Suction Machine

ANGELBISS, Innovative Direct Plug-in Bottle System & Double anti-overflow protection system



◆ FEATURES

- 1 Powerful suction up to 0.08Mpa
 - 2 Double anti-overflow protection system
 - 3 Direct Plug-in Bottle System, only one push to take out bottle
 - 4 1400ml capacity suction bottle
 - 5 Innovative filter technology prevents penetration of micro organisms and secretion into the device
 - 6 Only one inlet for suction hose, avoid misleading of air inlet and outlet
 - 7 Easy clean & sterilize & user-friendly operations
- 20L & 25L air flow options

Accessories

1 Silicone suction hose Ø6mm, L=1.30m
1 Universal PC power cord wires
1 Filter
1 Suction catheter (free)

◆ Technical Specifications

System Map	Functions	AverLast 25	AverLast 20
Pump Driving System	Max. Air Flow	25L/min	20L/min
	Max. Vacuum Pressure	0.08MPa	0.08MPa
	Work Mode	Intermittent Run	Intermittent Run
Bottle System	Max. Jar capacity	1400ml	1400ml
	Overflow Protection	Double Safety Protection	Double Safety Protection
	Innovative Filter	Waterproof Reusable	Waterproof Reusable
	Inlet Cover	One only, and no need outlet	One only, and no need outlet
Operate System	Vacuum Gauge Range	0.00MPa ~ 0.1MPa(0psi ~14psi)	0.00MPa ~ 0.1MPa(0psi ~14psi)
	Vacuum Control Range	0.02MPa ~ 0.08MPa	0.02MPa ~ 0.08MPa
	Suction Hose Hang Groove	One, at the left	One, at the left
	Wall mounted Hang Tip	Two, at the back	Two, at the back
	Hidden Rotatable Handle	Yes, at the top	Yes, at the top
3 Safety Syste	Floating method	First level stop overflow	First level stop overflow
	Filter method	Second level stop overflow	Second level stop overflow
	Overheated Protection	Yes	Yes
Electrical System	Power Consumption	130 W	110 W
	Auto Power off	Every 30 minutes	Every 30 minutes
	Power Fuse	1.0 A -φ5×20mm	1.0 A -φ5×20mm
	Noise Level	≤50dB(A)	≤50dB(A)
Packaging Details	Machine Body Size	283x195x273mm	283x195x273mm
	Import Carton Size	415x360x300mm for 2 units	415x360x300mm for 2 units
	Net Weight per Unit	3.75 kg	4.05 kg
	Import Gross Weight per Carton	9.8 kg	10.4 kg

◆ Models and Functions

Model No	Air Flow Vacuum	Max. Vacuum	Vacuum Bottle Capacity	Volts	Watts	Noise	Alarm	Indicator	Battery
AVERLAST 25	≥25L/min	0.08MPa	1400ml	AC 220V-240V	130W	≤50 dB(A)	No	No	No
AVERLAST 20	≥20L/min	0.08MPa	1400ml	AC 220V-240V	110W	≤50 dB(A)	No	No	No

Rechargeable Portable Suction Machine (AC, DC, Batteries)

ANGELBISS Innovative Direct Plug-in Bottle System & Double anti-overflow protection system



◆ Technical Specifications

- 1 Rechargeable DC 12V
- 2 Ambulance car use DC 12V
- 3 Fast recharge in 90 minutes, Continuous run 180 minutes (3 hours)
- 4 Superior Lithium batteries
- 5 Double anti-overflow protection system
- 6 Direct Plug-in Bottle System, only one push to take out bottle
- 7 1400ml capacity suction bottle
- 8 Innovative filter technology prevents penetration of micro organisms and secretion into the device
- 9 Only one inlet for suction hose, avoid misleading of air inlet and outlet
- 10 Easy clean & sterilize & user-friendly operations

◆ Accessories



◆ Models and Functions

Model No	Air Flow Vacuum	Max. Vacuum	Vacuum Bottle Capacity	Volts	Watts	Noise	Alarm	Indicator	Battery
AVERLAST 25B	≥25L/min	0.08MPa	1400ml	DC 12V	55W	≤50 dB(A)	No	No	YES

◆ Technical Specifications

System Map	Functions	AverLast 25B
Pump Driving System	Max. Air Flow	25L/min
	Max. Vacuum Pressure	0.08MPa
	Work Mode	Continuously Run
Bottle System	Max. Jar capacity	1400ml
	Overflow Protection	Double Safety Protection
	Innovative Filter	Waterproof Reusable
	Inlet Cover	One only, and no need outlet
Electrical System	Pump Power Consumption	DC 12V . 60W
	Adapter Power	AC 220V~240V Input, DC 12V Output
	Lithium Batteries (If new)	1 set, DC 12V Full charge time about 1.5 hour Support use time 3 hours
	Ambulance Car Adapter	DC 12V
	Auto Power off	Every 2 hours
	Power Fuse	5.0 A -φ5×20mm
Operate System	Noise Level	≤50dB(A)
	Vacuum Gauge Range	0.00MPa ~ 0.1MPa(0psi ~ 14psi)
	Vacuum Control Range	0.02MPa ~ 0.08MPa
	Suction Hose Hang Groove	One, at the left
	Wall mounted Hang Tip	Two, at the back
4 Safety Syste	Hidden Rotatable Handle	Yes, at the top
	Floating method	First level stop overflow
	Filter method	Second level stop overflow
	Overheated Protection	Yes
Packaging Details	Battery full charge	Full charge will auto isolate with AC power
	Machine Body Size	283x195x273mm
	Import Carton Size	415x360x300mm for 2 units
	Net Weight per Unit	3.5 kg
	Import Gross Weight per Carton	9.7kg

25LPM Electric Suction

◆ Technical Specifications

- 1 Can meet all kinds of hospitals and medical units requirement
- 2 Double head piston vacuum pump is adopted
- 3 With anti-overflow safety device, maintenance work is simple, don't need add oil
- 4 Manual and pedal switches are used simultaneously, easy operation
- 5 The product meets the requirements of IEC60601-1, IEC60601-1-2, ISO 10079-1

◆ Models and Functions

Model No	Air Flow Vacuum	Max Vacuum	Vacuum Bottle Capacity	Power	Noise	Alarm	Indicator	Battery
DX-98-3	≥25L/min	≥0.08MPa	2500ml×2	AC220V~240V	≤60 dB(A)	No	No	No

◆ Technical Specifications

System Map	Functions	DX-98-3
Pump Driving System	Negative pressure limit	≥0.08MPa
	Negative pressure adjustable range	0.02 ~ 0.08MPa
Bottle System	Collection container capacity	2500ml×2
	Overflow Protection	Yes
Operate System	Pumping rate	Hole (air vent) ≥35L/min
		Terminal ≥25L/min
Electrical System	Input	AC220V~240V , 50Hz±1Hz
	Power	≤150W
	Noise Level	≤60 dB(A)
Operating Condition	Operating Temperature	+5℃ ~ +35℃
	Relative Humidity	≤80%(25℃)
	Atmospheric pressure	86KPa ~106KPa
Packaging Details	Net Weight	12.5kg
	Gross Weight	14.5kg
	Machine Body Size	406x343x481mm
	Carton Size	456x393x531mm

30LPM Electric Suction



◆ Technical Specifications

- 1 The electric suction machine can meet all kinds of hospitals and medical units requirement
- 2 Double head piston vacuum pump is adopted
- 3 With anti-overflow safety device, maintenance work is simple, don't need add oil
- 4 Manual and pedal switches are used simultaneously, easy operation
- 5 The product meets the requirements of IEC60601-1, IEC60601-1-2, ISO 10079-1

◆ Models and Functions

Model No	Air Flow Vacuum	Max Vacuum	Vacuum Bottle Capacity	Power	Noise	Alarm	Indicator	Battery
DX-98-2	≥30L/min	≥0.08MPa	2500ml×2	AC220~240V	≤60 dB(A)	No	No	No

◆ Technical Specifications

System Map	Functions	DX-98-2
Pump Driving System	Max. Air Flow	30L/min
	Negative pressure limit	≥0.08MPa
	Negative pressure adjustable range	0.02 ~ 0.08MPa
Bottle System	Collection container capacity	2500ml×2
	Overflow Protection	Yes
Operate System	Pumping rate	Hole (air vent) ≥35L/min
		Terminal ≥30L/min
Electrical System	Input	AC220~240V, 50Hz±1Hz
	Power	≤145W
	Noise Level	≤60 dB(A)
Operating Condition	Operating Temperature	+5 C ~ +35 C
	Relative Humidity	≤80%(25 C)
	Atmospheric pressure	86KPa ~106KPa
Packaging Details	Net Weight	17kg
	Gross Weight	19.5kg
	Machine Body Size	406*343*796mm
	Carton Size	456*393*846mm

