



鸽子PIGEON



Respiratory solution for neonate



History

1990. Established as a state owned enterprise in Puning,Guangdong.

2001. Reformed to Pigeon Medical.

2002. Certified ISO.

2008. Be awarded as “Key Enterprise”.

2010. Start to entry internation market.

2012. Branch was founded in Dongguan,Guangdong.

2016. Having distributors in over 20 countries,serving over 8000 hospitals.

2018. Enlarge and redecorate the factory to10300m²,having more than 150 employees .



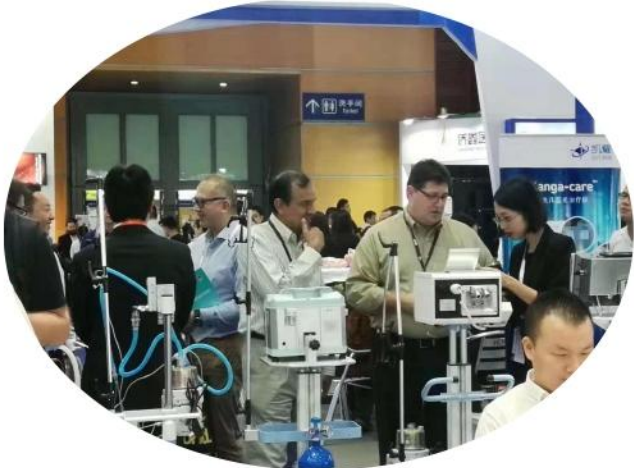
Factory Profile

Guangdong Pigeon Medical Apparatus Co,Ltd is a high-tech technology enterprise specializing in independent research & development, production & sale of infant and maternal care products and assistive products since 1990s. Main products are Infant NCPAP,Air-oxygen Blender, Medical Air Compressor, Medical Heating Respiratory Humidifier, Infant Resuscitator, Oxygen Inhaler and Oxygen Analyzer,Neonate bed, etc.

Pigeon Medical dominates the Chinese and overseas market with high-quality products, professional skills, superior direct sales and after sales force, following four main principles:Advanced Technology, Excellent Quality, Users Supremacy and Customer Satisfaction .



Exhibition Moments



NCPAP

Nasal Continuous Positive Airway Pressure (NCPAP) is a form of positive airway pressure ventilation with nasal prongs to keep the airways continuously open in people who are able to breathe spontaneously. Pigeon AD series commit to respiratory care for premature, neonate, pediatric with nasal prongs and are widely applied in PICU, NICU, PICU, etc.



Model:AD-I



Model:AD-IA



Model:AD-II

NCPAP|Bubble CPAP

Model	AD-I	AD-IA
FiO ₂	21%-100% (± 3%)	
CPAP	3-10cmH ₂ O	
Flow	0-18LPM	0-10LPM
Noise	≤50dB(A)	
Power source	AC 220V/110V, 50-60Hz	
Gas source	Air/Oxygen@0.3-0.4MPa	
Alarm	When gas supply pressure difference > 0.1 MPa	
Humidifier	Standard:PN-2000F; Optional:PN-2000FB,PN-2000FC850	
Air compressor	PN-4000(Optional)	Built-in
Trolley	Yes	Optional



Model:AD-I



Model:AD-IA

NCPAP|Bubble generator

Bubble generator

- *Made of PC material .
- *Reusable and unbreakable with overflow protection.
- *Adjust the CPAP pressure by column 3 to 10 cmH₂O.
- *The overflow container,cover and fill funnel can be easily removed for cleaning and disinfection without disturbing CPAP.



Optional accessory:Mounting bracket



NCPAP

Precise and stable CPAP

*Pressure regulator/mechanical controller allows a more precise and stable pressure.

Save and controllable

*The safety valve inside the main machine can activate automatically when the pressure exceeds the limitation.

Accurate FiO2 monitoring

*Equipped with oxygen analyzer,it makes sure the accurate monitoring of oxygen.

Model	AD-II
FiO ₂	21%-100% ($\pm 3\%$)
CPAP	0-20cmH ₂ O
Flow	0-18LPM
Noise	$\leq 50\text{dB(A)}$
Power source	AC 220V/110V, 50-60Hz
Gas source	Air/oxygen@0.3-0.4MPa
Alarm	When gas supply pressure difference > 0.1 MPa
Humidifier	Standard:PN-2000F; Optional:PN-2000FB,PN-2000FC850
Air compressor	PN-3000(OPTIONAL)



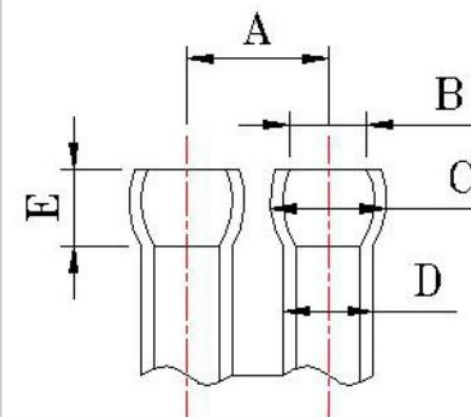
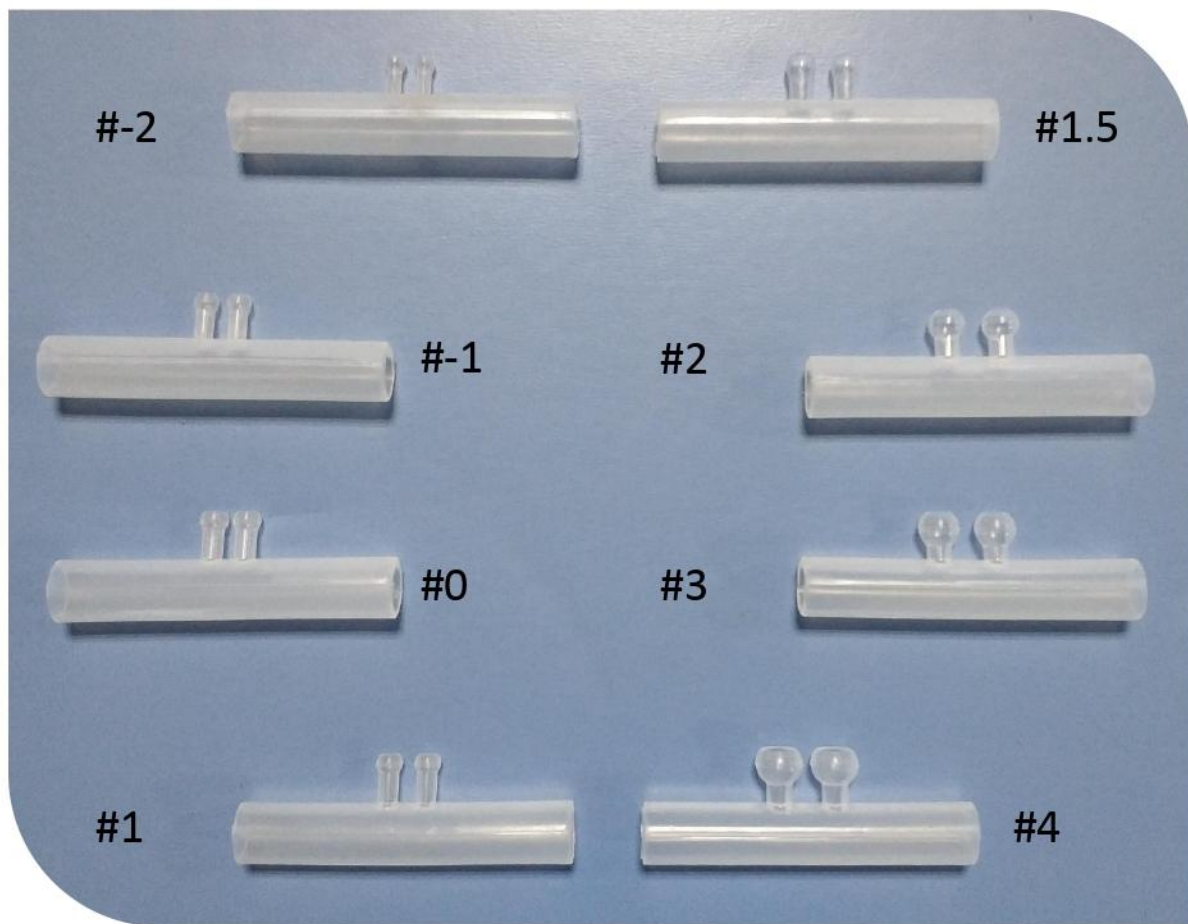
Model:AD-II

Interface

Mode	Description	
10-29-10-23B	Interface nasal tube,50mm	
10-29-10-23	Interface nasal tube,70mm	
10-29-10-23A	Interface nasal tube,100mm	
08-01-03-64I	Infant Bonnet,29-36cm	
08-01-03-64II	Infant Bonnet,36-46cm	
08-01-03-53	Nasal prong,3020	
08-01-03-54	Nasal prong,3520	
08-01-03-55	Nasal prong,4030	
08-01-03-56	Nasal prong,4540	
08-01-03-57	Nasal prong,5050	



Horizontal nasal prong



Size	A	B	C	D	E
#-2	5mm	∅ 1.5mm	∅ 3.5mm	∅ 2.4mm	3mm
#-1	5.5mm	∅ 2.5mm	∅ 4mm	∅ 3mm	3mm
#0	5.5mm	∅ 3mm	∅ 4.5mm	∅ 3.5mm	3mm
#1	6mm	∅ 2.5mm	∅ 4.5mm	∅ 3.5mm	3mm
#1.5	7.5mm	∅ 3.5mm	∅ 5mm	∅ 4mm	3.5mm
#2	9mm	∅ 3mm	∅ 6mm	∅ 4mm	4.5mm
#3	9.5mm	∅ 3.5mm	∅ 6.7mm	∅ 4mm	5.5mm
#4	9.5mm	∅ 5.5mm	∅ 8mm	∅ 4.5mm	5.5mm

Air Oxygen Blender



AD3000-SPA



AD3000-SPB



AD3000-SPD



AD3000-SPD2

Model	AD3000-SPA	AD3000-SPB	AD3000-SPD	AD3000-SPD2
FiO ₂	21%-100%			
Flow	2-18LPM	1-15LPM	0.1-1&1-10LPM	0.1-1&1-10LPM
Pressure	Air/Oxygen@0.3-0.4MPa			
Alarm	When gas supply pressure difference > 0.1 MPa			
Alarm noise	>57dB(A)			
Number of output	Single	Single	Single	Dual
Accuracy of FiO ₂	3%			
Bleed flow	/	/	3LPM	3LPM

Air Oxygen Blender|Accessories

Product code	Description
10-29-02-01	Air high pressure tube, 2m(6.5ft),female/female,black
10-29-02-03	Oxygen high pressure tube, 2m(6.5ft),male/female,blue
10-29-14-12	Bubble humidifier bottle
10-29-19-02	Mounting bracket
10-29-10-05A	Central air connector, Chinese standard(BS,DIN,American standard optional)
10-29-10-06A	Central oxygen connector, Chinese standard(BS,DIN,American standard optional)



Medical Air Compressor

Pigeon PN series provide air support for CPAP,ventilator,anaesthesia machine,etc.

*Oil-free,water-free,noise-free

*Integrated with American GAST/THOMAS oil-free pump.

*Multiple well-known pneumatic components such as Japanese SMC& UK NORGREN.

*Double output is optional,providing air support for more than one machines.



PN-5000



PN-4000



PN-3000



PN-2000

Model	PN-5000	PN-4000	PN-3000	PN-2000
Output pressure	0.018MPa	0.25-0.4MPa		
Continuous flow	10LPM	25LPM	60LPM	90LPM
Peak flow	>30LPM	>60LPM	>120LPM	>180LPM
Noise	≤50dB(A)			
Power source	AC 220V110V, 50Hz			
Power	30VA	250VA	450VA	900VA
Thermal protection	/	120℃		
Pressure display	/	Pressure gauge		

Infant Resuscitator

With safe, precise and controllable PIP and PEEP, Pigeon infant resuscitator is easy to operate, and can provide temporary breathing support.



AD3000-TPA



AD3000-TPB

Model	AD3000-TPA	AD3000-TPB
Flow	/	0-15LPM
FiO ₂	/	21%-100%
Alarm activation	/	Gas pressure difference>0.1MPa
Pressure gauge	-2-10kPa(-20-100cmH ₂ O)	
Pressure limitation(MAX-P)	@0-15LPM ≤6kPa(60cmH ₂ O)	
Peak inspiratory pressure(PIP)	@5-15LPM 0.2-5.7kPa(2-57cmH ₂ O)	
Positive end-expiratory pressure (PEEP)	@5-15LPM 0.03-2.3kPa(0.3-23cmH ₂ O)	
Noise	≤50dB (A)	
Gas source	0.3MPa-0.4MPa	
Recommended patient weight	Up to 10KG	

Infant Resuscitator|Accessories

Part code	Description
08-01-03-14	T-piece breathing circuit,disposable,1.2m (*Reusable T-piece breathing circuit optional)
08-01-03-98	Gas intake tube,2.5m
06-04-04-06A	Text lung
10-29-27-02	Included 5 sizes XS(35 mm),1 pc S(42 mm),1 pc M(50 mm),1 pc L(60 mm),1 pc XL(72mm),1 pc



Humidifier



PN-2000F/FA



PN-2000FB



PN-2000FC850

Model				
Power source	AC 220V/110V,50-60Hz			
Heater Plate	150W			
Thermal cut off	90±6℃			
Display	Three digit,0.56 inch,7 segment LED			
Temperature monitoring	0-75℃			
Max-temperature of heated plate	85℃			
Heater Wire	/	22V-,2.73A, 60W, 50/60Hz		22V-,2.73A, 60W, 50/60Hz
Power Rate	150W	220W		220W
Alarm	No	Yes		Yes
Temperature Control Settings	/	Heatedwiremode: P1:25-29℃,P2:29-35℃, P3:35-39℃		Invasive Mode: Chamber outlet: 35.5-37℃, Airway 35-40℃
		Non-heated wire mode: P1:23-27℃P2:27-32℃P3:32-37℃		Noninvasive Mode: Chamber outlet: 31℃, Airway 28-34℃
Range	10-70℃, Accuracy: ±2℃ (In 25-45℃temperature range)	10-70℃, Accuracy: ±2℃ (In 25-45℃temperature range)		10-70℃, Accuracy: ±2℃ (In 25-45℃temperature range)

Humidifier Chamber&Accesssories

Humidification chambers



PN-2000F



PN-2000FA



VHC20



VHC10

Model	Description
PN-2000F	Reusable chamber,adult,PC material
PN-2000FA	Reusable chamber,infant,PC material
VHC20	Disposable chamber,auto-fill,adult
VHC10	Disposable chamber,auto-fill,infant

Humidification assessories



Humidification paper



Temperature probe
*For PN-2000FB



Heated wire adapter
*For PN-2000FB



Temperature probe
*For PN-2000FC850



Heated wire adapter
*For PN-2000FC850



Mounting bracket
*Optional

Neonate Transport

Neonate Transport is aimed at transferring the patient from delivery room or ambulance to NICU safely, preventing harmful disease change efficiently.



TP00003



TP00004

Mode	TP00003	TP00004
Respiratory mode	Infant resuscitator	
Air oxygen blender	External	Built-in
Flow	0.1-1&1-10LPM	0-15LPM
FiO ₂	21%-100%	
Pressure limit(MAX-P)	20-60cmH ₂ O,@5-15cmH ₂ O	
Peak inspiratory pressure(PIP)	2-57cmH ₂ O,@5-15LPM	
Positive end-expiratory pressure (PEEP)	0.3-23cmH ₂ O,@5-15LPM	
Noise	<50dB(A)	
Gas input	Air/Oxygen,0.3-0.4MPa	
UPS capacity	1500W	
Cylinder Capacity	4L	
Power source	AC 220V,50-60Hz	
Load capacity	Up to 20KG	

Neonate Transport



TP00009

Mode	TP00009
Respiratory mode	Bubble CPAP
Air oxygen blender	Built-in
Flow	0-10LPM
FiO ₂	21%-100%
Pressure limit(MAX-P)	20cmH ₂ O
Peak inspiratory pressure(PIP)	/
Positive end-expiratory pressure (PEEP)	3-10cmH ₂ O
Noise	<50dB(A)
Gas input	Air/Oxygen,0.3-0.4MPa
UPS capacity	1500W
Cylinder Capacity	4L
Power source	AC 220V,50-60Hz
Load capacity	Up to 20KG

Suction



PN3000-VSD30



PN3000-XP30



PN3000-XP70

Model	PN3000-VSD30	PN3000-XP30	PN3000-XP70
Mode	Continuity/Intermittence	Continuity	Continuity
Suction pump	Piston		
The maximum negative pressure value	≤0.06MPa	≥0.09MPa	≥0.09MPa
Negative pressure	-0.02MPa~0.06MPa	-0.02MPa~0.09MPa	
Pumping rate	≤20L/min	<30L/min	>30L/min
Time adjustment	Working time adjustment range: 01~10min	/	/
	Interval time adjustment range: 01~10min		
	Default time: 5min (ON)/2min(OFF)		
Container	1200ml		3500ml
Noise	≤55dB(A)	≤65dB(A)	≤65dB(A)
Power source	AC 220V, 50Hz		
Input power	100VA	75VA	230VA

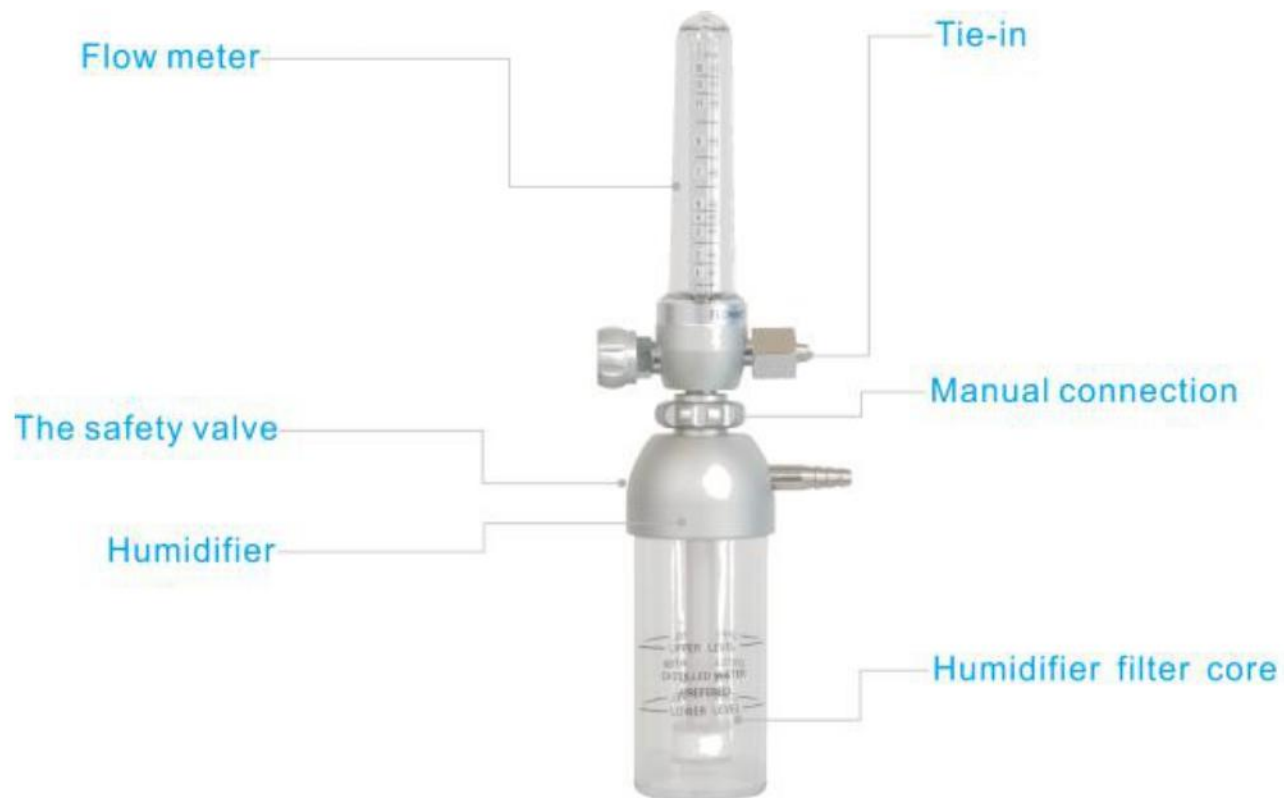
Oxygen Inhaler

Optional oxygen connectors



- *DIN standard
- *British standard
- *Amrrikan standard
- *Chinese standard
- *JIS standard
- *French standard

Optional oxygen regulator



The performance parameters

Pressure resistance : Before the flow control valve should be able to bear the pressure of 10 bar.

Humidification bottle should not be broken under pressure $0.5\text{MPa} \pm 0.05\text{MPa}$.

Flow control range : $1\text{L/min} \sim 15\text{L/min}$

Pressure of relief valve : $0.35\text{ MPa} \pm 0.35\text{ MPa}$, the relief valve will exhaust automatically.

Tighten the flow valve and sealed the parts connection of inhaler. Shall not be lock.

Humidification bottle : GZ-XRQ-1 45~85ml; GZ-XRQ-2 60~120ml.

Oxygen Analyser

Characteristics:

- * Convenient to use with small size
- * The battery is chargeable(3.7V) that is convenient to carry
- * Stable performance and high precision
- * Economical and practical

Technical parameters:

- * Oxygen concentration:21%-100%
- * Power:DC 3.7V
- * Use life of oxygen sensor:2 years
- * Low battery alarm



Trolley

Completed Matching Solution of Ventilator

- * Fabian
- * MV
- * AVEA
- * VELA
- * RESMED
- * SLE
- * Newport
- * GE



Parts



Support arm



Mounting bracket



Water trap



Y connector



Disposable breathing circuit



Reusable silicone tube



Adapter

Application

Having distributors in over 20 countries and serving over 8000 hospitals,PIGEON commits to being the best choice for neonate respiratory care.



Dräger Evita V500



MAQUET servo-s



Newport™ e360 Ventilator



SLE5000



鸽子PIGEON

Factories

Headquater Factory

Puning City

No.118,6/Zhuyuan,ChiweiTown,
Puning City,Guangdong ,China

Branch Factory

Dongguan City

No.152,Donghuan Road,Xincheng
Industrial Zone,Hengli Town,
Dongguan City,Guangdong ,China

Email:sales@gdgezi.com

Tel:86-663-2298001

Fax:86-663-2286006

Website:<http://www.gdgezi.com>

