



# Neonatal Line



Neonatal CPAP

*The best technology within your reach*



1150



*Infant Nasal CPAP Sets*

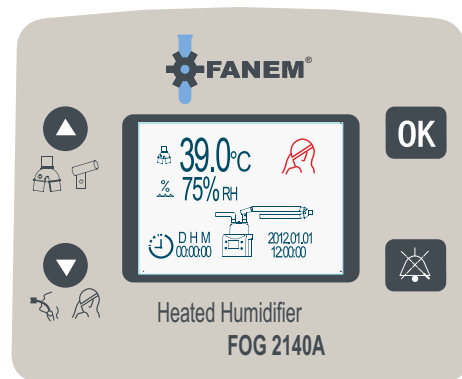


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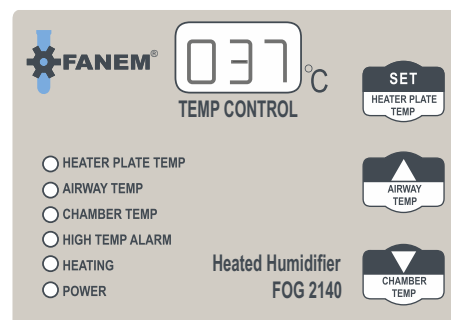
## FOG 2140A Servo Controlled Humidifier (Heater with sensor cable & adapter included)

- Suitable for: adults, children.
- Mode of application: invasive and noninvasive.
- Display: 2.8" high resolution TFT color screen display.
- Rated voltage: 220VAC/50Hz .
- Heating plate power: 150W.
- Heating coil power:
  - A、 The inspiration side: 24VDC, 36W;
  - B、 The expiration side: 24VDC, 36W;
- \* Setting range for heating temperature (adjustment accuracy of 0.5 °C):
  - A、 The invasive pattern: patients with end: 35 ~ 40 °C , the default 39 °C ;
  - B、 non-invasive mode: The patient-side: 30 ~ 37 °C , the default 34 °C .
- Temperature display error:  $\pm 0.5$  °C (temperature in the range of 22-45 °C , under stable airflow).
- Humidity control range:  $\geq 95\%$  RH.
- Machine noise:  $\leq 50$ dB.



## FOG 2140 Non-Servo Controlled Humidifier (Temperature sensor cable included)

- To provide humidity to patient
- Electronic temperature control
- 3 points temperature monitoring
- Overheat alert alarm
- Automatic power cut off while without chamber loading
- Instant display temperature alert
- Comes with temperature sensor cable connect to circuit patient end
- Power Input: 110V+15% : Frequency: 50/60 Hz: Wattage: 85+15%
- Temperature Control Range: 45-80C Degree Celsius with tolerance +0.8C
- Thermostat Precision: 95+7 Degree Celsius
- Digital temperature display precision: 0.1 Degree Celsius



## Heater Wire Circuits

- Prevent water condensation, rainout occurs on the inner wall of breathing circuit during heated humidification
- Keep comfort to the patient
- Combine with humidifier, available in single heater limb and dual heater limb



## Disposable Auto-Feed Neonatal Humidifier

- Automatically water refills
- Consistent compression volume
- Hold excellent humidity
- ISO 22mm M Inlet port and Outlet port
- Compressible Volume [Empty]: 300 ml
- Compressible Volume [Full]: 140ml
- Maximum Water Capacity: 160ml
- Maximum Peak Flow: 90l/min





# BabyPap®

## Neonatal CPAP

BabyPap® FANEM® was developed to treat respiratory pathologies for oxygen therapy in newborn infants. BabyPap® FANEM® provides flows of a heated and humidified Air and O<sub>2</sub> mixture under controlled pressure, by water and bubble column, providing a Continuous Positive Airways Pressure – CPAP – in noninvasive mode.

The BabyPap® FANEM® Model 1150 is a basic equipment with pressure controlled by water column and bubble, and its module panel has a Blender type regulator for Air and O<sub>2</sub> mixtures, and output fluxometer; the mixture is heated and humidified by a thermo

The BabyPap® FANEM® Model 1150-S is a basic equipment with pressure controlled by water column and bubble, and its module panel has a Blender type regulator for Air and O<sub>2</sub> mixtures, Air Compressor and output fluxometer; the mixture heated and humidified by a thermo



Control module with Air/O<sub>2</sub> regulator and output fluxometer

The air/oxygen blender with integrated flowmeters specifically designed for use in the NICU. The 0-15 lpm flowmeter on the left. Oxygen bleed of Less than 3 lpm Accuracy of ± 3% .

(Optional) 2003FF NEO<sub>2</sub> Blend with 0-15 lpm & 0-3.5lpm

Bubble generator flask



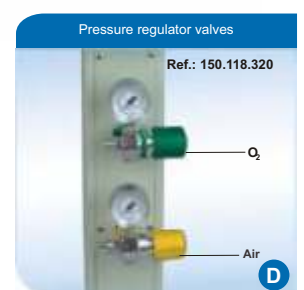
FOG 2140A Servo controlled humidifier for Invasive and non-Invasive use



When an occlusion occurs in the inspiratory branch, the circuit relief valve will limit the pressure excess in the line, designed to operate with a pressure of 17cmH<sub>2</sub>O at flow of 8L/min






The water reservoir flask regulates the circuit pressure in HPa (cm H<sub>2</sub>O) measured by a graded rule. In this reservoir, it is observed the Air and O<sub>2</sub> mixture generating the water bubble process.



O<sub>2</sub> and Air pressure regulator valves, equipped with manometer, control the input pressure upto 3.5 Kg/cm<sup>2</sup>, protecting the patient's circuit.

Nasal Cannula			Nasal Cannula
Nº	Patient characteristics	Ref.	
00	Less than 700 g	150.082.600	Material: Silicon  Hardness: 40 +/-5 Shore A
0	Less than 700 g	150.068.600	
1	700 - 1250 g	150.069.600	
2	1250 - 2000 g	150.070.600	
3	2000 - 3000 g	150.074.600	
4	Greater than 3000 g	150.075.600	

Kit with 10 unid.  
It allows several kit assembly configurations.

Cap-band		
Sizes	Patient characteristics	Ref.
 S	Cranial Diameter 20 to 28 cm	150.077.600
 M	Cranial Diameter 24 to 33 cm	150.078.600
 L	Cranial Diameter 30 to 38 cm	150.079.600

Kit with 10 units

S - Small  
M - Medium  
L - Large

# Pure Breathe

## P50 - L50

Specifications	
Output flow at 3 bar L.min <sup>-1</sup>	50
Sound level dB(A)	50+51 / 50 Hz
Alarm of low pressure	Decrease in output pressure under 2.1 bar ( 30.5 psig )
Alarm of cooling failure Output pressure	Increase in internal temperature above 80°C (176°F) Adjustable to max. 3.5 bar (51 psig)
Air tank capacity	250 mL
Pressure range	5bar(72.5psig) – 6.5bar(94psig)



1150-S

# NEO<sub>2</sub> BLEND

## Air/Oxygen Blender for the NICU

2003FFEA NEO<sub>2</sub> BLEND with 15 lpm & 3.5 lpm flowmeters (white oxygen labeling) & bottom output

Specifications	
Oxygen Concentration Range	21 – 100%
Number of Ports	2 or 3
Left Flowmeter Range	1-15 lpm (1-15 lpm if bleed is on)
Right Flowmeter Range	0.0-3.5 LPM.
Accuracy	±3% full scale
Weight	4.1 lbs (1.86 kg)
Size	8.1W x 6.5H x 4.6D in (20.6 x 16.5 x 11.7 cm)



Available at:

**XAVIER Med Pvt. Ltd.**

1-10-51/2, Road 6B, Dwarakapuram,  
Dilsukhnagar, Hyderabad - 500060

[www.buyxavier.com](http://www.buyxavier.com)

Customer Care: 8008895680,

Service: 8008895079