



Analytical Technologies Auto CPAP Machine (Bubble CPAP)



Specification:-

ATL 3020 SERIES

A. Light weight, easily portable, reliable and sturdy

B. CPAP generator:

1. Option of pressure setting from 3 to 12 cm H₂O
2. Detachable overflow container
3. Deliver the intended pressure constantly and accurately
4. Easy to clean/sterilize
5. The gradations (on the sliding rod) is easily visible from a distance of 6 feet

C. Air-oxygen blender:

1. FiO₂ concentration should be adjustable (21-100%) and accurate

D. Humidifier:

1. Automatically regulate the required temperature
2. Closed system for filling up water

3. Ports for heater wire as well as temperature probe
4. Display the chamber temperature and/or temperature at the patient end.

E. Patient circuits:

1. Option of using both disposable and reusable circuits
2. Disposable circuits is readily available and reasonably priced
3. Able to accommodate a heater wire; heat loss is minimal along its length

F. Battery back-up

1. Battery back up for at least 45-60 min

G. Safety features:

1. Limiting the delivered pressure in the event of an occlusion

H. Do not include compressor

Supplied with:

- I. reusable/disposable to be included
1. Soft, pliable nasal prongs – in at least 3 sizes

K. Specification for Infant Flow Driver (IFD):

1. Flow Driver: able to deliver pressures of 0 - 12cm H₂O,
2. Bar graph pressure manometer for displaying the delivered pressure
3. Electronically controlled CPAP over pressure release valve
4. High and low alarms for pressure and oxygen concentration, alarm set and mute button.
5. O₂/Air Mixer: 21 to 100% resolution 1%
6. Flow Meter: 0 - 15 L/min
7. System Safety” pressure release and Control Valve
8. Water Trap
9. Air and O₂ Fittings.



Corporate & Reg. Office: Analytical House, E67 & 68, Ravi Park, Opp. Sainath Park, Vasna Road, Baroda, Gujarat-390 015, INDIA. Tel.: 0091- 265-2253620, 2252839 Telefax: 0091-265-2254395
Email: info@ais-india.com, info@hplctechnologies.com, info@analyticalgroup.net
Web: www.ais-india.com / www.analyticalgroup.net / www.hplctechnologies.com

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10. Battery back up with at least 4 hour battery life;
11. Flow generator: nasal CPAP generators including one of each size nasal prong
12. Bonnets in at least 3 sizes
13. Delivery circuits - are disposable and reusable



Corporate & Reg. Office: Analytical House, E67 & 68, Ravi Park, Opp. Sainath Park, Vasna Road, Baroda, Gujarat-390 015, INDIA. Tel.: 0091- 265-2253620, 2252839 Telefax: 0091-265-2254395
Email: info@ais-india.com, info@hplctechnologies.com, info@analyticalgroup.net
Web: www.ais-india.com / www.analyticalgroup.net / www.hplctechnologies.com

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