

CPAP-3220

CPAP System



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

- The CPAP (Continuous Positive Airway Pressure) device with integrated humidifier, designed for the treatment of adult Obstructive Sleep Apnea (OSA), either in the hospital or at home. With its affable appearance, stable performance, excellent comfort features, let you and your family say goodbye to snoring trouble and enjoy the whole night's sleep.

Affable appearance & Easy operation

- Designed with integrated humidifier, G2S is smaller, lighter and more affable.
- 2.4-inch color screen with user friendly interface.
- 3-button control panel, simple and easy to use.
- The water chamber with drawing structure and opening cover, is more convenient to fill water and clean.



Stable performance

- With optimized noise reduction design, the noise level is as low as 28 dB, no matter static or dynamic noise, it is controlled to be the low-frequency noise which is imperceptible to human being, makes you feel it quieter.
- Automatic leakage and altitude compensation ensure the therapy accuracy anywhere.

Excellent comfort features

- Newly designed integrated humidifier has large heating plate (>50 cm²), which ensures excellent humidifying capacity and improves comfort.
- Reslex exhalation pressure release feature let you fall asleep at a lower pressure easily.
- Auto on/off feature
- 15 mm tubing supported

Powerful data transfer/retrieval solution

- SD Card
- GPRS Kit3
- Wi-Fi Kit
- iCode / iCode QR / iCode QR+

Various way of Sleep Report review

- Quick Report through Device Screen
- App
- Cloud Platform
- iCode web version
- nPAP Data Analysis Software (PC software)
- Software web version

Complete optional accessories

Adopts a series of complete accessories to meet different usage scenarios and needs:



SpO₂ Kit



Power Bank (D1402)



DC/DC Converter



GPRS / Wi-Fi Kit



Heated Tubing

►► Specifications

Device Size

Dimensions: 274 mm × 184 mm × 115 mm
Weight: 1.9 kg
Water capacity: To maximum fill line 360 mL

Product Use, Transport and Storage

Operation

Temperature: 5°C to 35°C (41°F to 95 °F)
Humidity: 15% to 93% Non-condensing
Atmospheric Pressure: 760 to 1060 hPa

Transport and Storage

-25°C to 70°C (-13°F to 158°F) 15% to 93% Non-condensing 760 to 1060 hPa

Heated Humidifier

Humidifier Settings: off, 1 to 5 (95°F to 154.4 °F / 35°C to 68 °C)
Humidifier Output: No less than 10 mg H₂O/L
Environmental Conditions: Maximum airflow, 35°C, 15% relative humidity

Mode of Operation

Continuous

Work Mode

Auto CPAP, CPAP

SD Card

The SD card can record patient data and fault information

AC Power Consumption

100 - 240 V AC, 50/60 Hz, 2.0 A

Type of Protection Against Electric Shock

Class II Equipment

Degree of Protection Against Electric Shock

Type BF Applied Part

Degree of Protection Against Ingress of Water

IP22

Pressure Range

4 to 20 hPa (in 0.5 hPa increments), ≤30 hPa under single fault conditions.

Static Pressure Stability

± 0.5 hPa

Ramp

The ramp time ranges from 0 to 60 minutes.

Sound Pressure Level

< 28 dB, when the device is working at the pressure of 10 hPa

Sound Power Level

< 38 dB, when the device is working at the pressure of 10 hPa

Maximum Flow

Test Pressures (hPa)	4	10	15	20
Measured Pressure at the Patient Connection Port (hPa)	3	9	14	19
Average Flow at the Patient Connection Port (L/min)	85	135	140	140

Automatic leak compensation

The pressure error $\leq \pm 1$ hPa when the air leakage is no more than 70 L/min.

Pressure

Range: 0 to 20 hPa

Margin of Error: $\pm (0.4 \text{ hPa} + 4\%)$

SpO₂

Range: 35% to 100%

The margin of error for SpO₂ between 70% and 100% is $\pm 3\%$.

No strict accuracy requirements for SpO₂ below 70%.

Pulse Rate

Range: 30 to 240 BPM

Margin of Error: $\pm 2\%$

Wavelengths

Red: 663 nanometers

Infrared: 890 nanometers

Maximal Optical Output Power

Less than 1.5 mw maximum average.

Tube

Length: 6 ft. (1.83 m)

Maximum Delivered Gas Temperature

$\leq 43^\circ\text{C}$

The Form and the Dimensions of the Patient Connection Port

The 22 mm conical air outlet complies.

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

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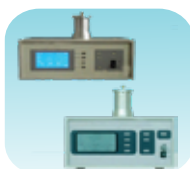
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Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



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Hematology
Analyzer



Micro Plate
Reader/Washer



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Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
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Ion Chromatograph



Water purification
system

Regulatory compliances



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Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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