

Breath.ei

An Innovation for Lives

n-CPAP

Bubble CPAP

HFNC

Auto T-Piece



Multimodality Neonatal Respiratory Support Device



Proprietary Pneumatic Block for Accurate Pressure Control



Built-in Air Source



Digital Real Time FiO₂, Flow & Pressure Monitoring



Battery Backup upto 2 Hours



Weight < 3.5 Kg

www.electrogenics.co.in

TECHNICAL SPECIFICATION

Alarm Bar

Color coded 3 level priority smart alarm system

Power Indication

Indicator for Mains & Battery with battery level

Display

4.3" Colored Touch-screen for Seamless Performance

Flow Meters

High precision Air & Oxygen flow meters for 21-100% FiO2

Control Knob

Ergonomically Designed PIP & PEEP control knobs for fine tuning pressure settings

Patient Circuit Connections

Universal connector for Insp and Exp limb

Humidifier Clamp

Bubble Generator Clamp

Accessories Basket

Patient Range

Neonates

Operating Modes

Bubble CPAP, HFNC, Nasal CPAP, Auto T-Piece

Display

4.3" LCD Touch Screen

Settings

Range

PEEP / CPAP

0 - 15 cmH2O (in NCPAP and Auto T - Piece Mode)

3 - 10 cmH2O (in Bubble CPAP Mode)

PIP

0 - 40 cmH2O (in Auto T - Piece Mode)

Respiratory Rate

10 - 100 BPM (in Auto T - Piece Mode)

Inspiratory Time (Ti)

0.2 - 2.0 Seconds (in Auto T - Piece Mode)

Air Flow

0 - 10 LPM

Oxygen Flow

0 - 10 LPM

Patient Flow

1 - 10 LPM

FiO2 Range

21 - 100%

Monitoring

Range

Real time Pressure

0 - 100 cmH2O (Resolution - 1 cmH2O)

FiO2

21 - 100 % (Resolution - 1 %)

Graphs

Pressure

Alarm Settings

Range

Low Pressure Limit

0 - 10 cmH2O

High Pressure Limit

5 - 40 cmH2O

Alarm Volume

1 (Min) - 6 (Max)

Pressure Saftey Cutoff

Inbuilt Saftey Valve Cutoff Pressure

Bubble CPAP

17 cmH2O

HFNC

40 cmH2O

Nasal CPAP

High Pressure Alarm Limit + 2 cmH2O

Auto T - Piece

High Pressure Alarm Limit + 2 cmH2O

Gas Input

Range / Description

Oxygen Gas

1 - 15 LPM (Dry - Low Flow)

Medical Air

@ Max 1 Bar Pressure

Electrical Characteristic

Inbuilt Air Source

Input

19VDC 3.42A Adaptor

Max Power

65W

Battery Backup

120 - 150 mins depends on

Battery charging time

Mode of Operations @ full charge

Accuracy

10 - 12 Hours for full charge

Flowmeters

Range

Pressure

± 4%

FiO2

± 1 cmH2O

Environment Characteristic

± 3%

Operating Temp

Range

Operating Humidity

10 - 50 °C

Storage Temp

0 - 90 % Non - Condensing relative RH

Storage Humidity

0 - 70 °C

Physical Characteristic

0 - 90 % Non - Condensing relative RH

Dimensions

Range

Weight Approx

160W X 216H X 209 mm (Machines Only)

< 3.5 kg (Machine Only)

Authorized Channel Partner



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