Technical parameters of YH-730 bi-level PAP device

1. **Scope of application:**

   For adult patients with ARDS, hypoventilation syndrome, for bi-level non-invasive

   ventilation in a hospital or home.

2 . the main function:

   1、 Different treatment options can be provided according to patients' needs, from CPAP

   to S, T, S / T, VGPS five modes。

   2. Adjustable trigger sensitivity.

   3. Real-time monitoring and recording of blood oxygen saturation.

   4. alarm function.

   5. Record function (SD card).

   6. Maximum leak compensation function. 60L/min

   7. With trolley, easy to move in the hospital

 3. the key technical parameters:

   1. Working mode: CPAP, S, T, ST, VGPS.

    2. Ventilation parameters:

   2.1 Inspiratory pressure: 4-30 cmH2O (0.5 cmH2O interval)

   2.2 Expiratory pressure: 4-30 cmH2O (0.5 cmH2O interval)

   2.3 Treatment pressure: 4-20 cmH2O (in CPAP mode, 0.5 cmH2O interval)

   2.4 Delayed boost: 0-45 minutes (interval of 5 minutes)

   2.5 Breathing frequency: 5-50 times / minute (interval 1 time / minute)

   2.6 Breathing ratio: 10-70% (interval of 1%)

2.7 Rise time: 1-5 steps (1 step interval, 1 step rises fastest, 5 steps rises most slowly)

2.8 Inhalation sensitivity: 1-5 steps (1 step interval, 1st step triggers fastest, 5th step 1st step triggers slowest)

2.9 Exhalation sensitivity: 1-5 (1 interval, the 1st trigger is the fastest, 5th and 1st the slowest)

2.10 Tidal volume: 50-1500ml (effective in VGPS mode, interval 50ml)、

3.VGPS（same with AVAPS，can set Target tidal volume）mode：

3.1 Maximum IPAP value adjustable range: 4-30 cmH2O

3.2 Adjustable range of minimum IPAP value: 4-30 cmH2O

3.3 EPAP value adjustable range: 4-30 cmH2O

3.4 Target Tidal Volume: 50-1500ml

4. Display range of monitoring setting parameters:

4.1 Respiratory waveform can be displayed;

4.2 Current mode: CPAP, S, T, ST, VGPS

4.3 Inspiratory pressure: 4-30 cmH2O

4.4 Expiratory pressure: 4-30 cmH2O

4.5 Breathing frequency: 5-50 times / minute

4.6 Breathing ratio: 10-70%

4.7 Air leakage: 20-99.9lpm

4.8 Tidal volume: 50-1500ml

4.9 minute ventilation: 0-50lpm

4.10 Blood oxygen saturation: 70-100%

4.11 Pulse rate: 30-250bpm

4.12 Delay boost: 0-45 minutes

5. Alarm items:

5.1 High pressure sound prompt: Turn on / off sound prompt

5.2 Low minute ventilation sound prompt: Turn on / off sound prompt, can be set to 1-10L (interval 1L)

5.3 Air leakage sound prompt: on / off

5.4 Power off sound prompt: on / off

5.5 Choking voice prompt: On / off, choking time can be set to 10-40 seconds (interval of 5 seconds)

5.6 Low Tidal Volume Sound Prompt: On / Off, Set Tidal Volume Value Range 50-500ml ((Interval 50ml))

6.Specifications

6.1 Weight: about 20kg including the trolley and the device

6.2 Operating temperature: 5-35 ° C

6.3 Relative humidity: 10% -90%

6.4 Power supply: input is AC 100-240V, 50-60Hz, 1.8A Max; output: DC 24V, 3.33A.