

Please note, this guide is also applicable for the E-20C-H-O fixed pressure model however it will only have one 'CPAP' mode of operation.

## E-20A-H-O / E-20AJ-H-O Maintenance Menu and Service Menu Settings

### 1. Steps to Navigating the Maintenance Menu

The Maintenance Menu is intended for use by clinicians only.

#### A. Accessing the Main Interface

Connect the power cord and power adapter properly. The screen displays the Main Interface shown in Fig.1-1 (only applies to E-20A-H-O), or the Main Interface shown in Fig.1-2 (only applies to E-20AJ-H-O).

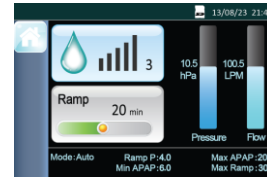


Fig.1-1



Fig.1-2

#### B. Bringing up the Initial Setup Interface

From the Main Interface shown in Fig.1-1 or Fig.1-2, press and hold **the Knob** and **Ramp Button** for five seconds. The screen displays the Initial Setup Interface of the Maintenance Menu, as shown in Fig.1-3.

The first icon on the left side of the screen indicates the Main Interface, the second icon indicates the Maintenance Menu, the third icon indicates the iCode Interface, and the fourth icon indicates the Service Menu. As you turn **the Knob**, the cursor switches among the four icons, and the menu displayed on the screen changes accordingly.

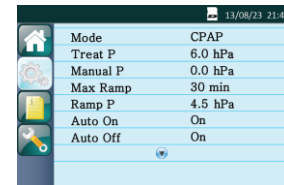


Fig.1-3

#### C. Accessing the Setup Interface

When the cursor is on the icon, the screen displays the Setup Interface of the Maintenance Menu. Access the Setup Interface by pressing **the Knob**. The first option (**Mode**) on the Setup Interface is then displayed in blue, as shown in Fig.1-4.

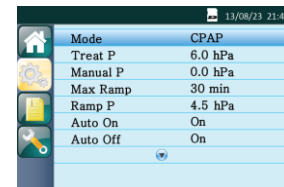


Fig.1-4

#### D. Selecting Options

As you turn **the Knob** clockwise, the cursor moves downwards from one option to another. As you turn it counterclockwise, the cursor moves upwards. When the cursor is on a certain option, press **the Knob**, and the option is then displayed in yellow, meaning that the option can now be adjusted, as shown by the **Treat P** option in Fig.1-5.

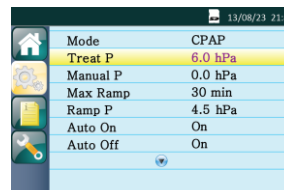


Fig.1-5

#### E. Adjusting Options

Adjust the option by turning **the Knob**. As shown in Fig.1-6, the **Treat P** option is selected. Turn **the Knob** to adjust the option. At this moment, the **Treat P** option is still displayed in yellow.

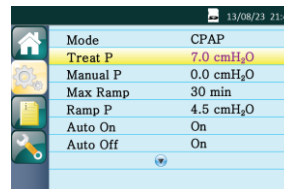


Fig.1-6

#### F. Confirming Adjustments

Confirm your adjustment to an option by pressing **the Knob**. The option is then displayed in blue, as shown in Fig.1-7.

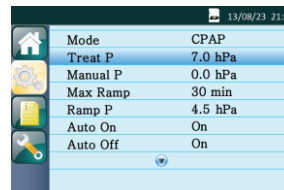


Fig.1-7

#### G. Turning Pages

When the cursor is on **Auto Off**, the last option shown in Fig.1-7, the remaining options will appear on a new page if you continue to turn **the Knob** clockwise, as shown in Fig.1-8.

Note: are page turning symbols.

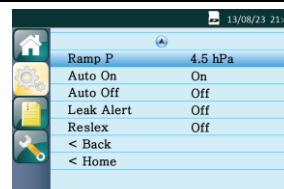


Fig.1-8

#### H. Returning to the Initial Setup Interface

Move the cursor to the **Back** option by turning **the Knob**, as shown in Fig.1-9.

Press **the Knob**. The cursor jumps to the second icon on the left side of the screen, and the icon is then displayed in blue. The screen displays the Initial Setup Interface of the Maintenance Menu, as shown in Fig.1-10.

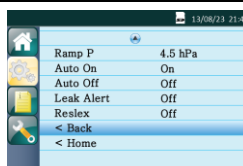


Fig.1-9

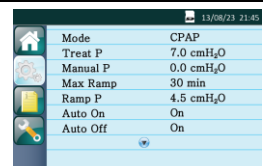



Fig.1-10

**I. Exiting the Maintenance Menu**

Move the cursor to the **Home** option by turning **the Knob** , as shown in Fig.1-11.

Press **the Knob**  to exit the Maintenance Menu. The screen will display the Main Interface shown in Fig.1-1 or Fig.1-2.

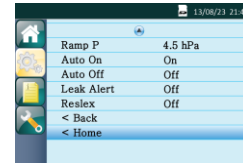


Fig.1-11

**2. Steps to Navigating the Service Menu**

The Service Menu is only available to authorized customer service engineers.

To navigate the Service Menu, you can refer to steps A-I to navigating the Maintenance Menu, namely bringing up the Initial Setup Interface, accessing the Setup Interface, selecting options, adjusting options, confirming adjustments, turning pages, returning to the Initial Setup Interface, and exiting the Service Menu. These steps are similar for the Maintenance and Service menus. The Initial Setup Interface of the Service Menu is shown in Fig.1-12.

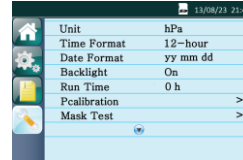





















Fig.1-12

**3. Description of Maintenance Menu Settings**

Mode			Range	Description
CPAP	Titration	Auto		
Treat P	Treat P	—	4.0 ~ 20.0 hPa	This pressure is the fixed treatment pressure after ramp time. As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 0.5 hPa. The default setting is " <b>6.0 hPa</b> "
—	—	Min APAP	4.0 ~ 20.0 hPa	As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 0.5 hPa. The default setting is " <b>6.0 hPa</b> "
—	Min TPAP	—	4.0 ~ 20.0 hPa	As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 0.5 hPa. The default setting is " <b>6.0 hPa</b> "
Manual P	—	—	0.0 ~ 2.0 hPa	This feature allows the patient to adjust the treatment pressure within a limited range with the consent of the physician. As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 0.5 hPa. The default setting is " <b>0.0 hPa</b> "
—	Sensitivity	Sensitivity	1 ~ 5	As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 1. The default setting is " <b>4</b> "
Max Ramp	Max Ramp	Max Ramp	0 ~ 60 min	The ramp time is between 0 and 60 minutes. As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by five minutes. The default setting is " <b>30 minutes</b> "
Ramp P	—	Ramp P	4.0 ~ Min APAP hPa	As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 0.5 hPa. The default setting is " <b>4.0 hPa</b> "
—	—	Max APAP	Min APAP ~ 20.0 hPa	As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 0.5 hPa. The default setting is " <b>15.0 hPa</b> "
—	Max TPAP	—	4.0 ~ 20.0 hPa	As you turn <b>the Knob</b>  to the nearest point, the numbering increases or decreases by 0.5 hPa. The default setting is " <b>15.0 hPa</b> "
Auto On	Auto On	Auto On	On / Off	This feature enables the device to start automatically and deliver air at a preset pressure after the patient takes a few deep breaths with the mask on. Turn <b>the Knob</b>  to change the setting of this feature. The default setting is " <b>On</b> "
Auto Off	Auto Off	Auto Off	On / Off	This feature enables the device to automatically discontinue the therapy and shut off when the mask is removed. Turn <b>the Knob</b>  to change the setting of this feature. The default setting is " <b>Off</b> "
Leak Alert	Leak Alert	Leak Alert	On / Off	This feature enables the device to raise an audible alert when the mask falls off the patient's face accidentally. This feature is available only when Auto Off is disabled. Turn <b>the Knob</b>  to change the setting of this feature. The default setting is " <b>Off</b> "
Reslex	Reslex	Reslex	Patient, Off, 1 ~ 3	This feature enables the device to automatically detect the patient's respiratory rhythm and reduce pressure in the mask during expiration, so as to make the patient more comfortable. Only when the Reslex option is set to "Patient", the option will appear in the Patient Menu. If this option is set to "Off" or "1 ~ 3", it will not appear in the Patient Menu. Turn <b>the Knob</b>  to change the setting of this option. The default setting is " <b>Off</b> "

**4. Description of Service Menu Settings**

Options	Range	Description
Unit	hPa / cmH <sub>2</sub> O	Choose to express the pressure in hPa or cmH <sub>2</sub> O. The default setting is " <b>cmH<sub>2</sub>O</b> "
Time Format	12-hour / 24-hour	Turn <b>the Knob</b>  to choose between the two time formats. The default setting is " <b>12-hour</b> "
Date Format	yy mm dd / mm dd yy / dd mm yy	Turn <b>the Knob</b>  to choose among three date formats. The default setting is " <b>mm dd yy</b> "
Backlight	Auto / On	The backlight of the LCD screen can be set to "Auto" or "On". Turn <b>the Knob</b>  to choose between the two modes. If it is set to "Auto", the backlight will turn off automatically after two minutes of inactivity. If it is set to "On", the backlight will always be on. The default setting is " <b>Auto</b> "
Run Time	—	Show the actual total operation time of the device
Pcalibration	Start Pcalibration	Start pressure calibration
Mask Test	Start Mask Test	Measure mask leakage, and classify non-BMC masks as Other
Language	English / Español / Português / Deutsch / 中文 (简体) / Français / Polski / Italiana / Türk / Русский / Nederlands / Ελληνικά / 한국어	Turn <b>the Knob</b>  to choose among the ten languages available. The language pack is stored on the SD card, and the Language option only works when the SD card is inserted into the device. The default setting is " <b>English</b> "
Restore Defaults	—	Turn <b>the Knob</b>  to choose whether to restore defaults
Erase Data	—	Turn <b>the Knob</b>  to choose whether to erase all data