



YS1080A0012, Rev.B

EC REP MDSS GmbH
Schiffgraben 41
30175 Hannover
Germany



Taizhou Polus Technology Co., Ltd
No. 58 Yongda Road, Jiangkou Street
Huangyan District, Taizhou, PRC

Table of Contents

- Attaching the Lamp Head
- Attaching the LED Curing Light/Spot Whitening Device
- Remote Control
- Positioning the Lamp Head
- Using the LED Curing Light/Spot Whitening Device
- Demo Mode Instructions

1. Attaching the Lamp Head



Attach the threaded joint at the base of the lamp head to the end of the lamp arm and screw the large metal nut onto the lamp head's threaded joint until secure.

Attach the male 7-pin circular connector plug located on the cable at the end of the lamp arm to the female 7-pin circular connector socket at the back of the lamp head. Screw the threaded joint into place until the cable is secured.

Note: Head should be positioned below the lamp arm (as pictured) for easier handling during the whitening procedure.

2. System Power On/Off



Plug the machine into a grounded power unit and switch the POWER ON/OFF switch located at the back of the machine near the power cable plug to ON.

Next, press and hold the POWER ON/OFF button located at the mid bottom of the Touch User Interface (TUI) control panel on the machine. The TUI panel will illuminate the default time on the control panel. Your Polus® Advanced Ultra Whitening Accelerator is now ready to be used.

1 2

3. Remote Control



If you leave the treatment room during the procedure, give the system remote control to the patient while you are out of the room.

PAUSE/RESUME: Instruct the patient to press PAUSE/RESUME if he or she needs to pause the treatment cycle at any time. The patient may press the PAUSE/RESUME button to start the treatment cycle again. The treatment cycle timer will resume from the paused time.

TIME: Instruct the patient to press the TIME button if he or she would like to know the time remaining on the treatment cycle.

CALL: Instruct the patient to press the CALL button if he or she needs to summon you at any time during the treatment. A loud chiming noise will emit from the accelerator when this button is pressed. Press the CALL button again to turn off the beeping.

Voice Instructions* are now operable by using the Remote Control

- i. Press and hold PAUSE/RESUME button to activate Voice Welcome for patient.
- ii. Press and hold TIME button to activate Voice Introduction of the whitening procedure for the patient.
- iii. Press and hold CALL button to activate Voice Post-Treatment instructions for the patient.

* Voice Instructions functions are only available/operable when the treatment procedure light is not on.

3 4

4. Positioning the Lamp Head



The lamp head is attached to the lamp arm by a ball joint for optimal rotation and positioning. Convenient handles are located on either side of the lamp head to assist with positioning.

Note: Head should be positioned below the lamp arm (as pictured) for easier handling during the whitening procedure.

5 6

5. Using the LED Curing Light/Spot Whitening Device



Attaching the LED Curing Light/Spot Whitening Device

Attach the male 3-pin circular connector plug to the female 3-pin circular connector socket on the back of the machine. Screw the threaded joint into place until cable is secured.

Always store the LED Curing Light/Spot Whitening Device in the special holder on the back of the machine. Avoid dropping or hitting the fiber light-transmission tube at the top of the device. Accidental impact may cause the part to break.

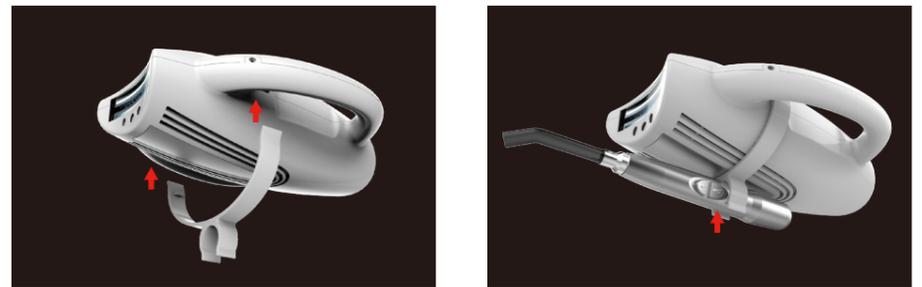
Before using the Spot Whitening or LED Curing Light functions for the first time, ensure that the device is connected to the main machine body.



Note: The Polus® Advanced Ultra system must be turned on to utilize the Spot Whitening and LED Curing Light functions.

LED CURING LIGHT

- The  button operates the standard curing light function.
- Click the button once to produce 15 seconds of intense light output.
- Click the button twice in quick succession to produce 25 seconds of ramped up light output (5 seconds ramping-up and 20 seconds intense).
- The LED Curing Light will automatically turn off at the end of the timer cycle. Pressing the  button again while the LED Curing Light is illuminated will abort the curing cycle.



SPOT WHITENING

Press WHITENING RANGE on the Polus® Advanced Ultra display screen and choose Single Whitening option on the TUI panel.

Once Single Tooth Whitening option is chosen, an "S" symbol will appear as shown.



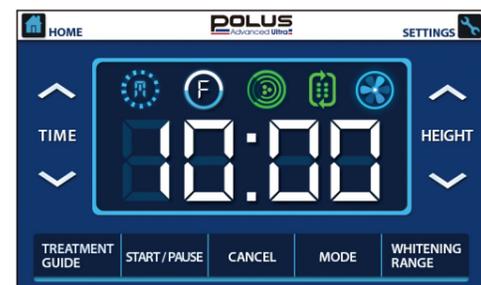
7 8

Note: The Spot Whitening Device can be hand-held during the treatment, or secured to the lamp head using the lamp head holder for the Spot Whitening Device.

The Spot Whitening Device's treatment time will default to the last time setting on the control panel. The recommended treatment cycle is 12 minutes. See pg. 13 for more detailed instructions on how to adjust treatment times using the TUI control panel. Once the Spot Whitening Device is positioned, press the START/PAUSE button on the TUI panel or press and hold the  button for 3 seconds on the device to begin the first cycle.

The Spot Whitening device will automatically turn off at the end of the whitening cycle. However, the treatment can also be paused by pressing the  button again or by pressing START/PAUSE on the TUI panel or on the wireless remote control. Note: You must pause the treatment before adjusting the treatment time.

6. Demo Mode Instructions



POLUS Press and hold Polus Advanced Ultra icon/logo for three seconds to enter the Demo Mode screen. The accelerator light will activate and the vertical arm will raise and lower throughout the demonstration. The accelerator light may be deactivated by pressing the OFF button on any of the Demo Mode screens. Press the HOME button to exit the Demo Mode and deactivate all the demonstration.

Demo Mode may be used by a dentist, to showcase the main features of the Polus® Advanced Ultra to their clientele, while it may also be used by resellers to demonstrate future owners of the Polus® Advanced Ultra, about its features.

9 10