Setup and controls

TPC

01 FIRST-TIME SETUP

CAUTION Remove the two shipping bolts on the bottom of the unit with the Allen wrench supplied, or the unit will vibrate. Keep them and refit them for transport.



1. Connect the power cord to the inlet on the display panel.
2. Turn the power switch on (I). The compressor starts.
3. Let the tank fill, about one minute, until the compressor stops.

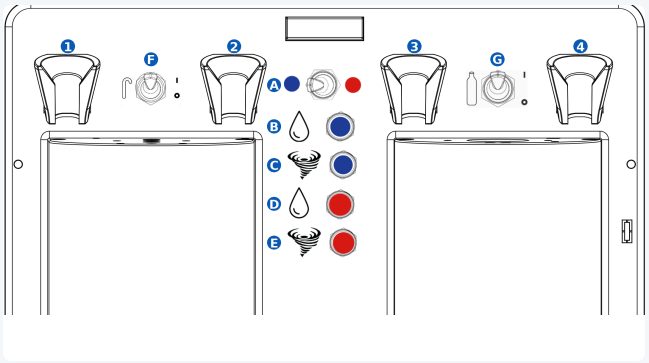
CAUTION Extension cords are not recommended. The supplied cord is 18 AWG; any extension cord must have a smaller AWG number (heavier wire). A cord with the same or larger AWG number may damage the unit and void the warranty.

TIP If the compressor keeps running, make sure suction is off and the saliva ejector is in its holder.

02 CONTROLS AT A GLANCE

PC2630 panel

Manual holders

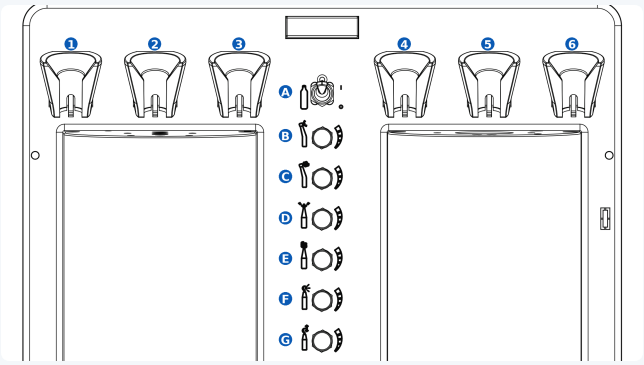


1. **Saliva ejector**
2. **Blue handpiece**
3. **Red handpiece**
4. **3-way syringe**

- **A** **Handpiece selector** · turn to the blue or red dot
- **B** **Blue water** ●
- **C** **Blue air** ● · drive air
- **D** **Red water** ●
- **E** **Red air** ● · drive air
- **F** **Suction switch** · I on, O off
- **G** **Water bottle switch** · I pressurizes, O releases

PC2930 panel

Automatic holder switches



1. **Saliva ejector**
2. **3-way syringe**
3. **Handpiece 1**
4. **Handpiece 2**
5. **Curing light**
6. **Scaler**

- **A** **Water bottle switch** · I pressurizes, O releases
- **B** **Handpiece 1 water**
- **C** **Handpiece 1 air** · drive air
- **D** **Handpiece 2 water**
- **E** **Handpiece 2 air** · drive air
- **F** **Scaler water**
- **G** **Scaler power**

Both models: knobs turn clockwise to decrease, counterclockwise to increase. Air coolant follows the drive air setting; there is no separate adjustment. The gauge at the top center shows handpiece pressure. Press the foot control to send air to the active handpiece. On the PC2930, lift an instrument to activate it.

SHUTTING DOWN AND TRANSPORT Turn the power switch off (O), empty the waste container, drain the tank, and refit the two shipping bolts before moving the unit in its case.

Daily use and care

TPC

01 DAILY USE

1. Turn the power switch on and let the tank fill.
2. Attach the handpiece and press the foot control to supply air.
3. Set the drive air with that position's air knob, then the coolant water with its water knob.
4. If water comes out as a stream, not a mist, increase the drive air or reduce the water.
5. Start suction: PC2930, lift the saliva ejector; PC2630, turn the suction switch on (I).
6. Return the ejector and turn suction off before removing the waste container.

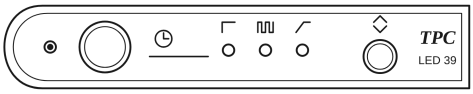
02 SCALING · PC2930

Screw the tip on and tighten it moderately with the tip wrench; a loose tip vibrates less. Set scaler water (F) and power (G) on the panel.

CAUTION Pull the scaler handpiece straight off its tubing. Twisting damages the pins.

03 CURING · PC2930 · LED 39

1. Insert the light guide and fit the blue shield over the metal chuck.
2. Press ON to wake the light, then press again to cure. Each cure runs 20 s; the function button changes programs.



F FAST



Full power.

P PULSE



0.5 s pulses.

R RAMP



Soft start.

04 AFTER EACH USE



Waste container. Suction off, turn counterclockwise to remove, rinse and disinfect. Do not autoclave.



Water bottle. Bottle switch off; when the air finishes purging, turn counterclockwise to remove.

1. Wipe the unit with a sprayed cloth. Never spray the face of the unit directly.
2. Flush suction: draw two cups of cleaning solution through the saliva ejector, then two cups of clean water.



Drain the tank. Press the drain valve button on the side of the unit to release moisture.

CAUTION If the tank is not drained, water builds up in the air tank inside the unit and reduces the amount of air it can hold.

05 TROUBLESHOOTING

Won't power on	Check the cord, outlet, power switch and resettable fuse (green light).
Low suction	Open the ejector lever, check tubing for kinks, secure the waste container, clean the screen under the tip.
Low handpiece pressure	Adjust that position's air knob; try the other position. If both are low, call TPC.
Very loud when running	Make sure the shipping bolts have been removed.
Popping while compressor runs	Stop using the unit and call TPC. The safety valve is releasing excess pressure.

CALL BEFORE YOU OPEN THE UNIT For any problem not listed, or before adjusting the main regulator, contact TPC technical support at (800) 560-8222 or service@tpcdental.com.