

INSTALLATION INSTRUCTIONS:

Before installing or operating your new Son-Mate, carefully read and follow all of the instructions.

IMPORTANT: The Son-Mate must be connected to a clean, filtered, water supply, capable of delivering 30 to 60 psi (2.0 to 4.2 kg/cm²) of water input pressure. This unit comes with an In-Line water filter (P/N: A52030). When kept clean and free of foreign matter, it will assist in proper water flow to the unit.

If the water pressure in your office is above 60 psi, we recommend you install a water pressure regulator on the supply line to your scaler.

CONNECTING WATER SUPPLY:

We strongly recommend that a manual shut off valve be placed prior to the Female Quick Disconnect, so that the water can be completely shut-off, and line pressure relieved, when the unit is not in use.

The Son-Mate comes equipped with an 8 foot (244 cm) water line with a male Poly-Quick disconnect fitting. The water line may be connected to your water source in many different ways. We offer four suggestions:

It is imperative that you disconnect the device from the water supply when it is not in operation.

1. Female Quick Disconnect (P/N: 44300) - This is the female mating connector to the male quick disconnect supplied with the Son-Mate. Use this to create a custom water installation.

2. Saddle Valve Assembly (P/N: A44303) - This kit contains all parts to quickly and easily connect your unit to an existing cold water supply line.



44301 Male quick disconnect

** Please note male quick disconnect is supplied as a standard item with all Engler dental units



44300 Female quick disconnect



A-44303 Saddle valve assembly w/female connector & tubing

3. Faucet Adapter Assembly (P/N: A22303) This screws on the faucet and has a female mating connector.



A-22303 Faucet attachment w/female connector & tubing

4. Portable Water Tank (P/N: PT-1) - This is a self contained water source which is suited ideally for portable operation. All you do is fill tank with distilled water, pressurize the tank, and begin scaling.



PT-1 Portable water tank (one gallon)

IMPORTANT: If you do not feel comfortable doing the water installation yourself, we highly recommend the services of a professional plumber. Engler Engineering Corporation will not be held liable for any damage including, but not limited to leakage caused by improper installation of our products.

CONNECTING POWER SUPPLY:

Plug the power cord into a grounded power outlet. DO NOT remove or bypass the ground pin from the power cord of this device.

IMPORTANT: Your Son-Mate has been pre-set to the voltage as requested in you order and will not require adjustments in this regard. The voltage of operation is indicated on the rear panel of your unit.