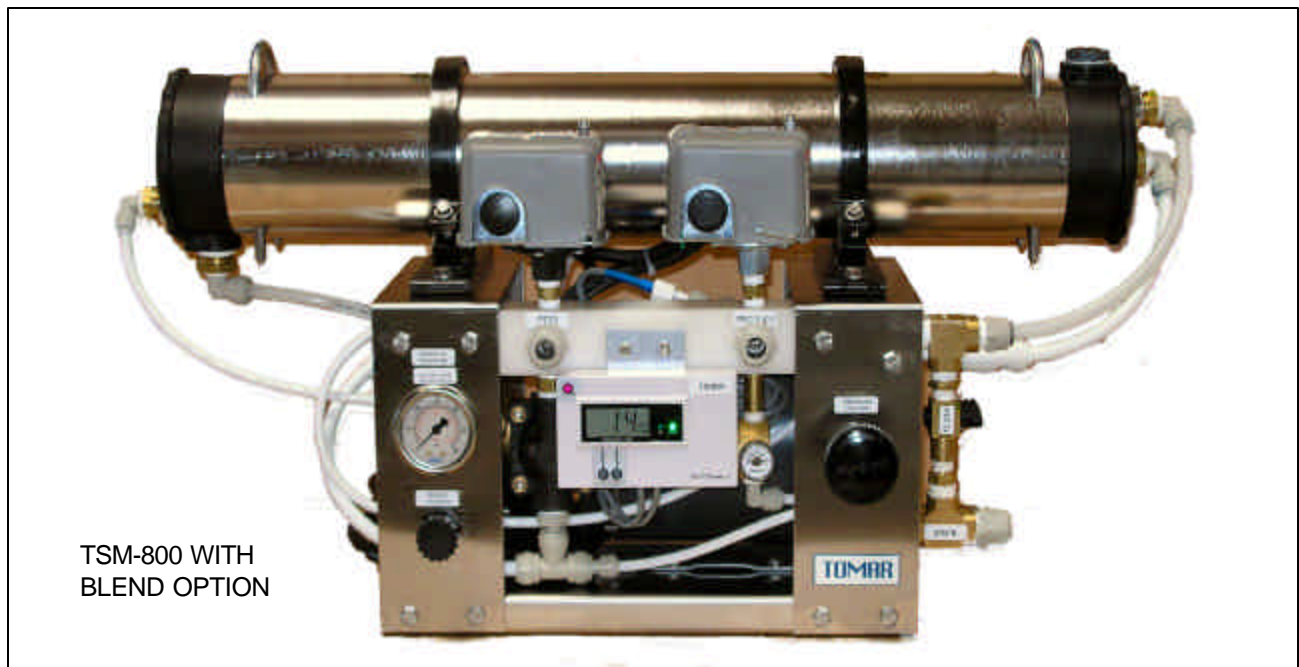


### BLEND OPTION AND TDS MONITOR OPTION

The basic configuration of the TSM series products is ideal for many typical water purification applications. However, there are certain users such as craft/micro breweries and premium coffee houses that often desire the ability to monitor and control the TDS level of the output purified water. The Blend and the TDS Monitor options for the TSM series is available to satisfy the needs of these users. Either option is available on TSM-400 to 1500 systems.

The **Blend** option includes a digital TDS monitor and a metering needle valve. This option allows a precise amount of filtered feed water to be added to the product water flow and the blended TDS level is displayed on the monitor readout. The TDS monitor also senses the feed water TDS level and this value can be observed by pressing a button. Being able to read both feed and product TDS levels allows the user to determine the rejection percentage and verify that the membrane is performing properly.

The **TDS Monitor** option includes the TDS monitor function only. This option allows the user to monitor both feed and product water quality but does not include the blending valve.



### SPECIFICATIONS

#### MONITOR

TDS Range: 0-9990 ppm  
Resolution: 1 ppm  
Accuracy: +/- 2% of reading

Display: 1/2"H LCD  
Power: 2 ea. AA Batteries  
Auto Shut Off: After 3 min.

Inputs: Feed Probe & Product Probe  
Battery Life: Approx. 2 years

#### METERING VALVE

1/4" PVC Needle Valve with Quick Connect ports

#### PART NUMBERS

Blend Option: **TSM-BLEND**

TDS Monitor Option: **TSM-TDS**

