

# Microprocessor Automatic Water Still

## WS400 / WS440 / WS800



### Features:

- ◆ Highest purity, pyrogen free distillate
- ◆ Advanced microprocessor control & front panel keypad design for easy operation
- ◆ Output of 4L/hour, 8L/hour, & 4L/hour Bi-distilled
- ◆ Multi-color LED indication alarm for easy status recognition
- ◆ Built-in conductivity measurement system to ensure quality of outlet water
- ◆ Auto condenser clean function with detergent adding flow cell for easy maintenance
- ◆ Built-in liquid level switches for auto shutting off when the storage reservoir is full
- ◆ Overheating cut-off protection for safe operation
- ◆ Auto diagnosis when powering on the system
- ◆ Installation of benchtop or wall mounting

### Introduction:

The SUNTEX Microprocessor automatic water still is available with output of 4L/hr or 8L/hr, and can be benched or wall mounted. The water still produces the very highest quality pyrogen free water. Purity is also assured through the borosilicate glass(Boilers and Condensers) construction and the use of durable, silica sheathed heating elements.

### Convenient automatic operation:

Combined with the microprocessor, the unique WS series water still simplifies operation and cleaning procedures. The still is supplied with a float switch which automatically shuts off the water still when the storage reservoir is full, enabling safe, unattended operation.

### Safety in operation:

A high temperature cut-off system protects the heaters in the events of water-input failure and low level of water in boiler. The heater can be recovered from the automatic overheating cut-off by reset.

### Pretreated feed option:

All stills can be used with pretreated reverse osmosis(RO), deionized or purified water. The pretreatment removes many contaminants from feed water to keep the glass clean.

### Specifications:

Model	WS-400	WS-440	WS-800
Controlling method	Microprocessor controlled		
Production per hour	4 litres	4 litres Double distilled	8 litres
Temperature of condenser inlet water	Suggested temperature: lower than 35°C		
Pressure of condenser inlet water	70-560kPa		
Flow of condenser inlet water	1 liter/min		
pH value	5.0~6.5		
Conductivity	1.00~2.00µS/cm	1.00~1.50µS/cm	1.00~2.00µS/cm
Water quality monitoring	Display the conductivity of distilled water		
boiler and condenser	1 set	2 set	
Heating equipments	2 quartz heating pipes	4 quartz heating pipes	
Safety Protection	YES		
Boiler liquid level control	YES		
Water container liquid level control	YES		
Ambient temperature	0~50°C		
Storage temperature	0~70°C		
Power supply	AC 220V±10%, 50/60Hz		
Applied power	3.2kW	6.2kW	
Connection	Tap water: 3/8" ID, Pretreated: 1/4" NPT(M), Drain: 3/8" ID		
Installation	Benthtop or wall mounting		
Dimensions (W x H x D)	570 x 380 x 250 mm	570 x 380 x 420 mm	
Weight	17.6kg	26.1kg	25.8kg

Note: It is recommended to connect with a circuit breaker in between power supply.

**What's included?** 3m distilled water sanitary silicone outlet tube, 15m tap water condenser inlet/outlet tube, External reservoir liquid level sensor, 3m power cord without plug

**Optional Accessory:** ST-60 Reservoir tank 60L