



is life

**waco**

# Portable Mineral Water Factory

**Your Life,  
Your Water!**



**WACO Corp.**



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## Chapter 01 PRODUCT OVER VIEW



Generally, It requires large and complex plant for bottling mineral water bottle. This system is an Automatic Mineral Water Filling System which processes up from bottle rinsing, filling and capping in one minimized equipment.

This complete integrated equipment for Bottling Mineral water is designed for small scale mineral water factory.

We designed the equipment for precise & high performance, easy operation, and economy to reduce the labor cost and initial investment.





## Chapter 01 PRODUCT OVER VIEW

### Portable Mineral Water Factory

This equipment can perform entire of mineral water bottling process in one unit.

#### Working Process

Bottle Insert

Bottle  
Rinsing

Mineral  
Water Filling

Capping

Bottle Eject

The Portable Mineral water factory is designed for filling mineral water in 3 gallon or 5 gallon bottle automatically.

This all one system is suitable for producing Bottled water in small scale factory or one-man factory

Available to add Reverse Osmosis water purification system optionally to supply clean and safe drinking water if raw water condition is bad.





## Chapter 02 ADVANTAGE OF PRODUCT



### 1. Full Automatic Operation

- > It needs only one staff for producing Bottled water.  
Possible to set up the production line easy and sample.

### 2. Easy Start-up

- > It can produce bottled water immediately after the connecting inlet and drain pipe line with equipment.

### 3. Compact Design

- > It requires minimum space for installation by compact design.  
Suitable to install in limited place such as small factory and building etc.  
It is able to minimize initial investment for factory setup.

### 4. Saving logistical cost

- > It is easy to setup the small scale mineral water factory locally that can be reducing delivery cost for price competitiveness

### 5. Various Application

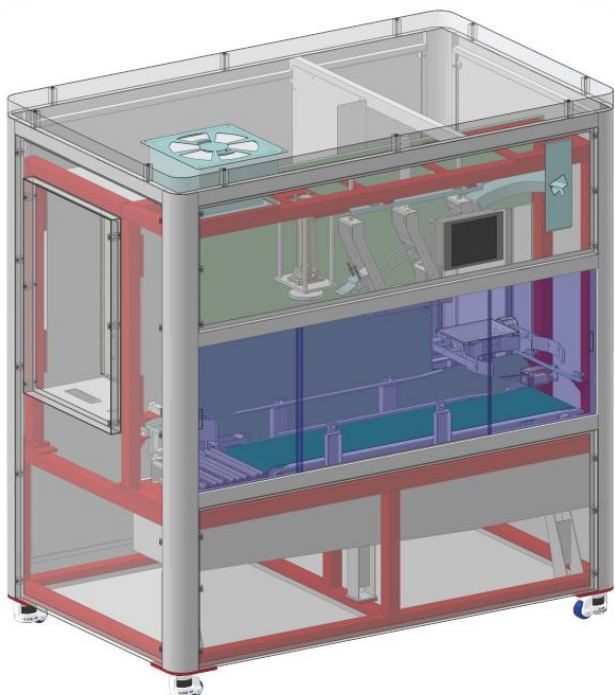
- > It is suitable to use in various place where have a large demand of bottled water such as military, large scale hotel, resort, company etc





## Chapter 03 PRODUCT SPECIFICATION

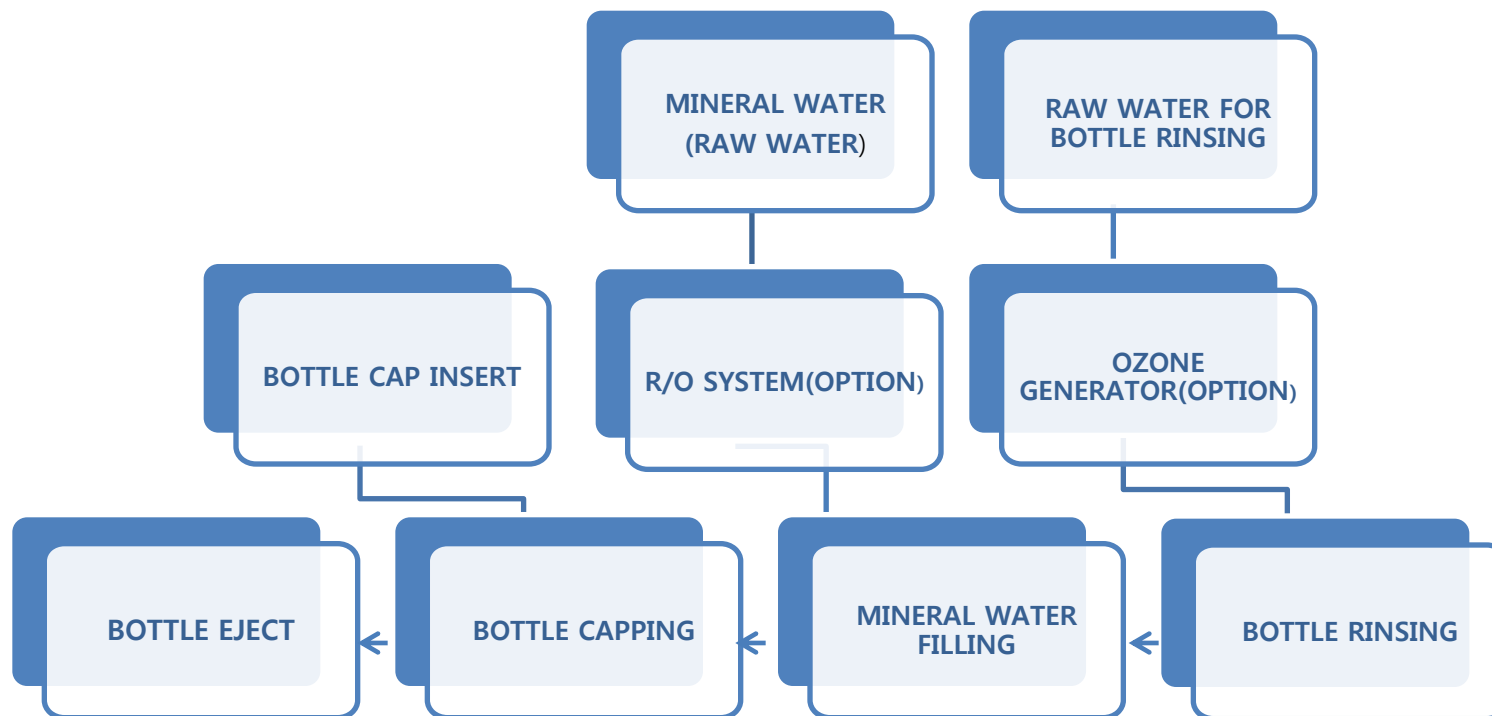
### Specification



Item	Description		
Model	Portable Mineral Water Factory		
Dimension	(W)1,830 X (D) 1,340 X (H)1,920mm		
Power	220V/50(60) HZ - 2 KW		
Bottle size	Convertible 3Gallon or 5 gallon.		
Capacity		3 Gallon	5 Gallon
	With RO system	50BPH	30BPH
	Without RO system	95BPH	60BPH
Control system	PLC (Programmable Logic Controller)		
Drive system	Compressed-air cylinder/ Electric motor		
Conveying system	Conveyer Belt		
Material	SUS 304/316, ABS, PC		
Sterilizer	16W UV FILTER- Treated water		
	4W UV LAMP- Bottle Cap		
Clean Room system	HEPA Filter Air Purification system		
RO SYSTEM (OPTION)	RO MEMBRANE	RE4040 x 3	
	RO VESSEL	SUS 304/ #4040 X 3	
	RO PUMP	Submersible Pump(1/2HP)	
	PRE FILTER	MICRO FILTER- CARBON FILTER	
	POST FILTER	CARBON BLOCK FILTER	



## Chapter 04 OPERATION PROCESS





## Chapter 05 PRODUCT FEATURE



### 1. One stop system

- This equipment perform full process of bottling in one unit without the extra equipment.
- The Consecutive working process and automatic Bottle ejection system improve productivity.

### 2. Easy and Precise operation.

- This equipment is operated automatically by PLC with Touch button display for easy operation and checking the status of system and water quality in real time.

### 3. Clean Room

- Applied the HEPA filter air purification system for maintaining Clean and hygienic production space.

### 4. Sterilization

- Applied the UV filter and UV lamp for sterilization of mineral water and bottle cap to prevent secondary pollutant.
- Available to choose Ozone water system(option) for sterilization of bottle.

### 5. R/O water purification system(option)

- Available to add R/O water purification system optionally to supply clean and safe water where the raw water condition is bad.

\* Available to watch the video clip on youtube.com

→ <http://www.youtube.com/embed/M6OU4cTEdHo>





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