



**Product Code . JL-WDP-3921**

## Quartz Distillation Apparatus

### Description

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#### Quartz Distillation Apparatus

The water distillate from Quartz Single Distillation Apparatus is beyond compare with water distillate obtained from other types/method of distillation apparatus.

Pyrogen free distillate obtained which is free of heavy metals.

Instant distilled water flow.

Quartz Boiler ( $\text{SiO}_2$ ) is chemically inert to most solvents and acids, hence purer distillate.

No heat loss in the boiler, hence saves electrical power.

High performance with low maintenance.

Compact design with all contact of water with High Pure Electronic Grade Transparent Quartz Only.

The main unit has got a bottom boiler and top boiler with condenser, which can be easily separated (Demountable), for necessary cleaning or maintenance.

A bottom vent is provided in bottom boiler for general cleaning and maintenance.

The main constituent of Quartz is  $\text{SiO}_2 > 99.9\%$ , which makes the apparatus highly resistant to any thermal shock, devitrification and resistant to water and acids.

The electrical heaters are so designed, they do not come into contact with water, because they are embedded inside a quartz tube.

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Hence nullifying the possibility of metal contamination by the heater.

The distillate obtained from this apparatus is PYROGEN FREE, it is also free from metalions.

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