

Quartz Double Distillation Unit

IG-DD Series



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

DESCRIPTION

All Quartz Double Distillation consists of demountable upper and lower boiler. The lower boiler has a built-in heater enclosed in a quartz boiler with a cup on top. The upper boiler has a built-in quartz coil and condensing unit which is mounted on the boiler with the help of ball and socket joint. Double walled condenser ensures separate condensation of vapours coming from the two boilers using a single cooling circuit.

The unit is mounted on a specially designed powder coated stand and is also provided with Safety Control Unit. This new dual - safety cut off has been designed for better and accurate control of the distillation unit. It has been incorporated with advanced microprocessor based electronic circuitry. This has the latest electronic technology that has been introduced by our company which gives an easy user machine interaction. The alpha numeric LCD which has been used shows all messages that correspond to the running of the machine. There is an alarm system which beeps as and when user attention is required.

FEATURES

- ❖ Easy cleaning of the first boiler since it can be dismantled from the assembly.
- ❖ Ease of interchangeability as it is provided with Ball & Socket joint.
- ❖ Boiler & condenser have larger boiling space resulting in balanced boiling & improved quality of distillate.
- ❖ Compact and easy to install.



SPECIFICATIONS

Model IG-DDU3	
Parameters	Values
Specific Conductivity	0.1-0.5 $\mu\text{s}/\text{cm}$
Biological Activity (distillate quality)	Pyrogen Free
Organic Matter	Nil
Total Solids	0.1 mg/ltr
Silica	<0.01 mg/ltr
Output Capacity (Approx.)	4 Ltr/hr
Power Rating (Total)	8 KW
Cooling Water Consumption (Approx.)	12 Ltr/Hr

