

QUARTZ DOUBLE DISTILLATION UNIT



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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

DESCRIPTION

The Quartz Double Distillation Unit (IG-DD Series) is a high-purity water distillation system designed to deliver pyrogen-free, contamination-free distilled water. It features demountable upper and lower quartz boilers, ensuring easy maintenance and superior distillate purity. Equipped with an advanced microprocessor-based safety control unit, the system provides reliable performance, user-friendly operation, and precise monitoring via an alphanumeric LCD display. Its robust construction, quartz components and dual-safety cutoff make it suitable for laboratories requiring high-quality distilled water for analytical and research applications.

KEY FEATURES

- **Demountable Quartz Boilers** – Upper and lower boilers can be dismantled easily for cleaning and maintenance. vertical quartz distillation
- **Ball & Socket Joint Design** – Allows easy interchangeability and secure mounting of the condensers/boilers. vertical quartz distillation
- **Larger Boiling Space** – Ensures balanced boiling, efficient vapor formation, and improved distillate purity. vertical quartz distillation
- **Advanced Microprocessor Safety Control Unit** – Dual-safety cutoff, electronic monitoring, LCD display, and alert system for user attention. vertical quartz distillation
- **Double-Walled Condenser** – Enables separate condensation from both boilers using a single cooling circuit. vertical quartz distillation
- **Compact Stand-Alone Design** – Mounted on a powder-coated stand for stability and easy installation. vertical quartz distillation

TECHINCAL SPECIFICATIONS

Parameter	Value
Model No.	IG-DDU3
Specific Conductivity	0.1–0.5 $\mu\text{S}/\text{cm}$
Distillate Biological Activity	Pyrogen Free
Organic Matter	Nil
Total Solids	0.1 mg/L
Silica	<0.01 mg/L
Output Capacity	~4 L/hr
Power Rating (Total)	8 kW
Cooling Water Consumption	~12 L/hr



CONNECT WITH US

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