

LABWAN Quartz Double Distillation

Product Description

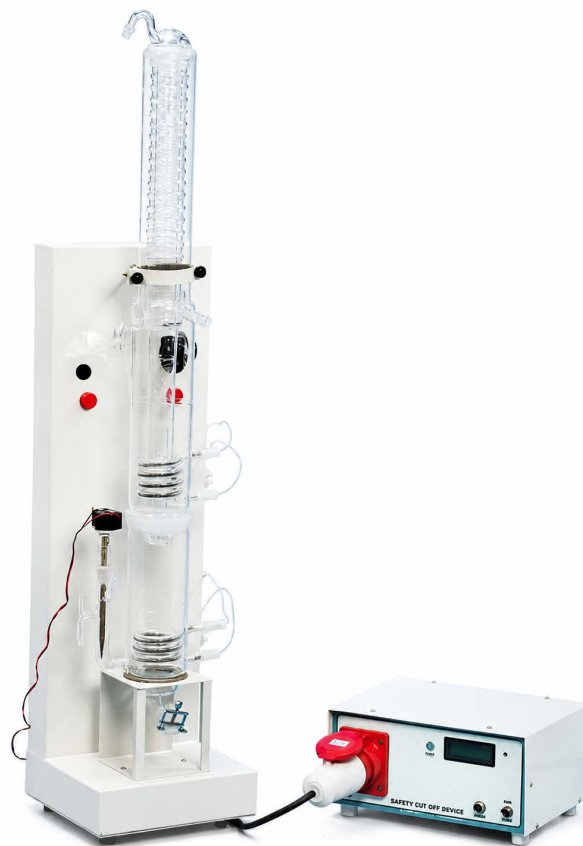
The LABWAN All Quartz Double Distillation system is designed for producing high-purity double-distilled water. It features demountable upper and lower boilers, quartz components, a double-walled condenser, microprocessor-based safety control and an alarm system.

Features

- Demountable upper and lower boiler
- Built-in heater enclosed in quartz boiler
- Built-in quartz coil and condensing unit
- Ball & Socket joint for easy interchangeability
- Double-walled condenser with single cooling circuit
- Advanced microprocessor-based safety control
- Alpha numeric LCD display
- Alarm system for user attention
- Easy cleaning of the first boiler
- Larger boiling space for balanced boiling and improved distillate quality
- Compact and easy to instal

Applications & Uses

- Production of high-purity distilled water
- Laboratory water preparation
- Double-distilled water requirements
- Scientific and laboratory applications



Standard Models

Model No.	Output Capacity (Approx.)	Power Rating (Total)	Cooling Water Consumption (approx.)
LAQDD-1.5L	1.5 Ltr/hr	3 KW	50 Ltr/hr
LAQDD-2.5L	2.5 Ltr/hr	5 KW	70 Ltr/hr
LAQDD-3.5L	3.5 Ltr/hr	7 KW	90 Ltr/hr
LAQDD-4.0L	4.0 Ltr/hr	8 KW	120 Ltr/hr
LAQDD-5.0L	5.0 Ltr/hr	9 KW	150 Ltr/hr

Note: It is recommended to use Water Softener Unit with all types of Water distillations for desired output, good quality distillate and long life.

Distillate Quality Parameters

Parameters	Values
Specific Conductivity	0.1-0.5 μ s/cm
Biological Activity (distillate quality)	Pyrogen Free
Organic Matter	Nil
Total Solids	0.1 mg/ltr
Silica	<0.01 mg/ltr

Special Advantages of Demountable Model

- 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.