



# **DDP - 3860**

# **Double Distillation Plant**





EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

# **Analytical Technologies Limited**

An ISO 9001 Certified Company



#### **INTRODUCTION**

Water Stills are carefully designed to produce high purity pyrogen free distilled water. The water still made of Borosilicate glass comprises of horizontal type Boiler, Condenser, Silica Sheathed (Quartz) Heater, along with Stand and Clamps etc.

#### **>> KEY FEATURES**

- Replaceable Silica Heater: Boiler is fitted with a removable Silica Sheathed (Quartz) Heater and Screw Threaded connector for ease of cleaning when scaling is formed.
- Distillate temperature is around 25 to 45°C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Drain nozzle/Teflon Screw Cock is provided for easy cleaning and maintenance.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.

# **WORK OF THE PROPERTY OF THE P**

These Models are fitted with in- built (PTS) Pressure Temperature Switch (Safety Cut Off) to protect the glass parts in the event of water supply failure or overheating.



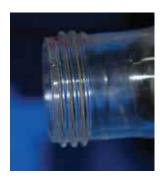


#### SILICA HEATER

Kanthal wire heater is winded up on a spiral ceramic tube, thus having a long life.

#### >> SAFETY FIRST

PTS (Safety Cut off) can be reset to resume water still operation when the water supply has been restored.



#### SCREW THREADED CONNECTOR

is provided for ease of fitting the Silica (Quartz) Heater



# **EASY CLEANING**

- No dismantling required.
- Teflon screw cock is provided for easy cleaning and maintenance.



|                    |                |               | 0.411  |           |              |
|--------------------|----------------|---------------|--------|-----------|--------------|
| Single Still       |                |               |        |           |              |
| Conductivity       | 1 to 2.0 μs/cm |               |        |           |              |
| Distillate Quality | Pyrogen Free   |               |        |           |              |
| Model No.          | Output         | Cooling Water | Power  | Packing   | Gross Weight |
|                    | Capacity       | Consumption   | Rating | Dimension | (kg)         |
|                    | (Approx.)      | (Approx.)     | Total  | W*D*H(cm) |              |
| DDP-SH-320S        | 2.0 ltr/hr     | 60 ltr/hr     | 1.5 Kw | 64*45*44  | 13 kg        |
| DDP-SH-340S        | 4.0 ltr/hr     | 120 ltr/hr    | 3.0 Kw | 66*62*44  | 15 kg        |
| Double Still       |                |               |        |           |              |
| Conductivity       | 0.8 to 1 μs/cm |               |        |           |              |
| Distillate Quality | Pyrogen Free   |               |        |           |              |
| Model No.          | Output         | Cooling Water | Power  | Packing   | Gross Weight |
|                    | Capacity       | Consumption   | Rating | Dimension | (kg)         |
|                    | (Approx.)      | (Approx.)     | Total  | W*D*H(cm) |              |
| DDP-SH-320D        | 2.0 ltr/hr     | 120 ltr/hr    | 3.0 Kw | 66*50*63  | 20 kg        |
| DDP-SH-340D        | 4.0 ltr/hr     | 150 ltr/hr    | 6.0 Kw | 66*62*65  | 24 kg        |



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HPLC Servicing: HPLC Servicing: We have team of service engineers who can attend to any make of HPLC promptly @the most

affordable cost.

**Trainings** :We also take up preventive Maintenace to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-

shooting.

**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments: We offer instruments/Renting Services Modules like pumps, detector etc. on Rent.





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Infra FTIR



Optima Gas Chromatograph 3007



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Liquid Partical Counter



Optical Emission Spectrophotometer



DSC/TGA



Semi Auto Bio Chemistry Analyzer



HEMA 2062 Hematology Analyzer



Micro Plate Reader/Washer



URINOVA 2800 Urine Analyzer



Total Organic Carbon 3800



Fully Automated CLIA



NOVA-2100 Chemistry Analyzer



PCR/Gradient PCR/ RTPCR



TOC Analyzer



Laser Particle Size Analyzer



Ion Chromatograph



Water purification system

# **Regulatory compliances**



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- 2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.
- 3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.





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