

## DG 1000 Series - De-gassed Unit

- **Cost effective**
- **A self-circulating cooling system**
- **ASTM4519 compliant**
- **Corrosion determination**
- **No-flow alarm**
- **Out of water protection**
- **Multi-parameter readout**

### Applications

Conductivity measurement in power plant chemistry is most important, including specific conductivity, cation conductivity and even degassed cation conductivity. Monitoring above parameters will help boiler steam and water quality adequate to satisfy requirement of boiler supplier or even with equipment warranty.

After cat-ion conductivity compare to specific conductivity which understand the amount of alkali dosing using inferred pH calculation. And degassed conductivity measurement will find out corrosive contaminations using the method of heating water near to boiling which is compliance with ASTM4519.



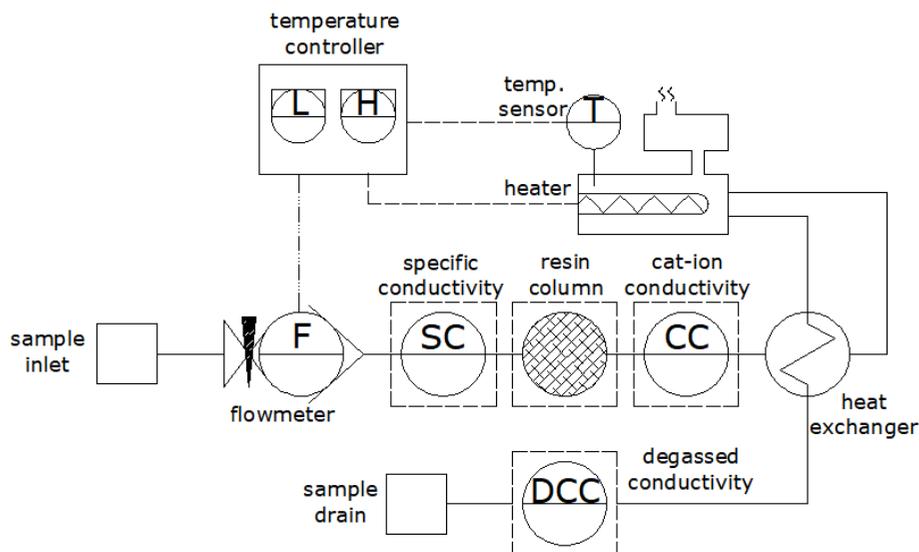
The DG1000 degassed can be equipped with a multi channel conductivity transmitter and adequate conductivity sensors to have the following read out parameters :

- **Specific conductivity**
- **Cation conductivity**
- **Degassed cation conductivity**
- **Inferred pH**
- **Temperature**

## Specifications

|                    |  |
|--------------------|--|
| Power supply       | : 110 Vac, 50/60 Hz ; 220 Vac, 50/60 Hz optional |
| Heater power       | : 1.5 KW   |
| Sample flow        | : 100~200 cc/min                                 |
| Sample temperature | : > 15 °C  |
| Enclosure          | : Stainless steel with powder painting           |
| Mounting           | : Wall mounting                                  |
| Dimension          | : W*H*D<br>420*520*300 mm                        |

## P&ID drawing



## Ordering information

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| <b>Degassed unit</b><br><b>Model : DG-1000</b>  | (-) | (-) | (-) | (-) |
| <b>A Unit +analyzers</b><br>0 Re-boiler unit<br>1 Re-boiler +Specific + degassed cation conductivity (inferred pH)<br>2 Re-boiler cation + degassed cation conductivity | (A) |     |     |     |
| <b>B Power supply</b><br>1 110 Vac, 50/60 Hz<br>2 220 Vac, 50/60 Hz   |     | (B) |     |     |
| <b>C Resin column</b><br>0 None<br>1 Resin column   |     |     | (C) |     |
| <b>D Heat exchanger</b><br>0 None<br>1 Heat exchanger   |     |     |     | (D) |

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