

## DWA-3000A/3000B/2000A Dissolved Oxygen Analyzer



### Features

- Real Time Trend Analysis Function
- Microprocessor-based Digital Program Controller
- Isolated DC (4-20/0-20/0-24mA) Output Transmission
- Automatic Cleaning Control Function
- Low-cost For User Satisfaction
- CE Mark Accredited



### Specification

|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| Range          | 0 ~ 20 mg/L (Resolution : 0.01)                                       |
| Method         | Polarograph                                                           |
| Accuracy       | ±1 % (Of Full Scale)                                                  |
| Response time  | 120 sec (90% saturation)                                              |
| Analog output  | Isolated 4~20mA DC (STD) / 0~20mA, 0~24mA(OPT)                        |
| Digital output | 3000A : RS-232C (STD), RS-485 (OPT) / 3000B : RS-232C / 2000A : N/A   |
| Relay output   | 3000A : HH, H, L, LL & Cleaning / 3000B, 2000A : High, Low & Cleaning |
| IP Rating      | IP65 / IP64 / IP54                                                    |
| Display        | Trend graph, Measuring value, Measuring status, Temperature, Unit     |
| Size           | 240 x 180 x 115mm / 155 x 155 x 184mm / 96 x 96 x 125mm               |
| Installation   | Wall mounting / DIN 144 panel mounting / DIN 96 Panel mounting        |
| Power          | 110 / 220V, 50 / 60Hz                                                 |

## DO Electrode

| Model         | D34 / D21(Replaceable membrane)        |
|---------------|----------------------------------------|
| Application   | Wastewater (D34), General (D21)        |
| Range         | 0 ~ 20 ppm                             |
| Temp. Range   | 0 ~ 80 °C                              |
| Temp. Sensor  | PT1000                                 |
| Pressure      | Max. 0.4Mpa (D34)<br>Max. 0.3Mpa (D21) |
| Body Material | PPS                                    |
| Cable         | Fixed cable                            |
| Thread        | 3/4" NPT                               |
| Holder        | Submersion/Flow through                |

| Model         | D13F                        |
|---------------|-----------------------------|
| Application   | Pure water, Clean water     |
| Range         | 40 ppb ~ 20 ppm             |
| Temp. Range   | 0 ~ 80 °C                   |
| Temp. Sensor  | PT1000                      |
| Pressure      | Max. 0.3Mpa                 |
| Body Material | SUS316L                     |
| Cable         | Fixed cable                 |
| Thread        | PG13.5                      |
| Holder        | Submersion/<br>Flow through |

| Model         | 21M (For replacement membrane)             |
|---------------|--------------------------------------------|
| Body Material | PTFE / POM                                 |
| Components    | Electrolyte x 1 bottle<br>Membrane x 3 pcs |

## DO System configuration (2000A)

