

Feature

- ※ Applications : Ranging from water treatment monitoring to Pharmaceutical and Food processing Industries.
- ※ Panel or Wall mounts Enclosures, NEMA4X, IP65 water proof, dust proof.
- ※ Provide precise measurement at industrial site or water treatment process.
- ※ Symmetric signal output interface, preventing electromagnetic interference.
- ※ Scaleable isolated output: 0/4~20mA.
- ※ Two level password protections prevent unauthorized of setting.
- ※ Large LCD with background illumination screen.
- ※ Two separate mechanical relays for high and low (HH/HL/LL) setpoints.
- ※ Separately adjustable high and low set-point hysteresis (dead bands) prevent chattering of relays around the set point.
- ※ The third mechanical relays for electrode self-cleaning or alarm.

DO5000



DO5200



DO5500



Specifications	DO5000	DO5200	DO5500
Range	0.00~40.00 mg/L 0.0~400.0%	0.00~40.00 mg/L 0.0~400.0%	0.00~40.00 mg/L 0.0~400.0%
Resolution / Accuracy	0.01ppm, 0.1% / ±2%F.S.	0.01ppm, 0.1% / ±2%F.S.	0.01ppm, 0.1% / ±2%F.S.
Calibration	1 point (100% Saturated) or 2 point (100% and 0% Saturated)	1 point (100% Saturated) or 2 point (100% and 0% Saturated)	1 point (100% Saturated) or 2 point (100% and 0% Saturated)
Temperature Range	-5.0 ~ 100.0°C	-5.0 ~ 100.0°C	-5.0 ~ 100.0°C
Temperature Compensation	Auto / Manual	Auto / Manual	Auto / Manual
Resolution/Accuracy	0.1°C / ±0.5°C	0.1°C / ±0.5°C	0.1°C / ±0.5°C
Electrode Type	Galvanic / Clark	Galvanic / Clark	Galvanic / Clark
Salinity Compensation	0.0~45.2 ppt	0.0~45.2 ppt	0.0~45.2 ppt
Control Type	ON/OFF Control (LIT)	ON/OFF Control (LIT)	ON/OFF Control (LIT)
Analog Output	0 / 4~20 mA	0 / 4~20 mA	0 / 4~20 mA
Serial Interface	RS-485	RS-485	RS-485
Relay Specification	3 SPST / 250V 1A	3 SPST / 250V 1A	3 SPST / 250V 1A
Frequency of Cleaning Time	1~999hours / 1~999 sec	1~999hours / 1~999 sec	1~999hours / 1~999 sec
Control Hysteresis Band	0.01~2.00ppm / 0.1~20%	0.01~2.00ppm / 0.1~20%	0.01~2.00ppm / 0.1~20%
Temperature System	NTC22K	NTC22K	NTC22K
EMC Standard	EN50081-1 / EN50082-1	EN50081-1 / EN50082-1	EN50081-1 / EN50082-1
Operation Temperature	-10.0~50.0°C (14.0~122.0°F)	-10.0~50.0°C (14.0~122.0°F)	-10.0~50.0°C (14.0~122.0°F)
Operation Humidity	10~95%	10~95%	10~95%
Pipeline Pressure Compensation	—	0.00~4.00 Kg	0.00~4.00 Kg
Liquid Depth Compensation	—	0.0~10.0 m	0.0~10.0 m
Power Supply	220 / 110 VAC	220 / 110 VAC	220 / 110 VAC
Size / Weight	100x108x150mm / 900g	100x108x150mm / 900g	190x160x133mm / 1.5Kg
Installation Size	93.5x93.5mm	93.5x93.5mm	—

Electrodes / Accessories

See P.36