

Tester Feature

30 series PH / ORP / CON / DO / FCL / DOZ



Self-diagnostic



- User-friendly design.
- Smile : Electrode is good condition.
- Unsmile : Proposed to replace the electrode.
- Only for PH / DO tester.

Button Keypad



- Easy to operate.

Housing



- Waterproof and dustproof in accordance with IP67.
- Suitable for an immensely wide range of various Laboratory / Harsh environments applications.

Energy Saving



- Use 1 x 1.5V AAA battery. (CON30/FCL30/DOZ30 2x1.5V AAA)
- Low- battery indicator and easy to maintenance.

Flow Cell

Enclose
& Stable
flowing



- For DO/FCL/DOZ using. Keep flowing and stirring stable, provide for reliable result.
- Use 2 x AA batteries.





Ring-pull Design



- Easy to carry.

Large LCD Screen



- Energy stored backlit for easy reading.
- Up to 5-point auto calibration for avoid error.
- Data-hold function and auto buffer recognition.

Replaceable Electrode

- Reduce the maintance costs effectively.



PH



DO



FCL



ORP



CON



DOZ

Flat-electrode



- For PH30 / ORP30 / FCL30 / DOZ30.
- High impedance flat-electrode can measure tiny sample.
- Applied to measuring the moisture content of the skin or solid.

Float Design



- Keep the electrode submerged in underwater and display floating on the water.

Field Carry Case



- The tester,battery,buffer, just everything can be stored in the field kit.



Feature

- ※ Extensive applications: Ideal for check on water quality, plating operations, field applications and other redox measurements.
- ※ Display: Large LCD screen with backlit for easy reading, provides comprehensive meter information.
- ※ Up to 5 points calibration for avoiding error with auto-buffer-recognition calibration (PH30).
- ※ Easy Maintenance, no tools needed to change batteries and electrode.
- ※ Auto-off function, data-memory function and stability indicator, low-batteries indicator.
- ※ Auto data hold/lock function for reading stable measuring data.
- ※ Multi-purpose carrying case.
- ※ Electrode slope indicator display(PH30).

PH30



ORP30



CON30



Specifications	PH30	ORP30	CON30
Range	-2.00~16.00 pH	-900~+900 mV	0~200.0uS/cm, 0~2000uS/cm, 0~20.00mS/cm, 0~50.0mS/cm TDS : 0~50 ppt ; Salinity : 0~30 ppt
Temperature Range	0.0~60.0°C/32.0~140.0°F	0.0~60.0°C/32.0~140.0°F	0.0~60.0°C/32.0~140.0°F
Resolution	0.01pH, 0.1°C/°F	1mV, 0.1°C/1°F	0.1,1uS/cm(ppm),0.01,0.1mS/cm(ppt)
Accuracy	±0.01 pH	±1 mV	±1 %F.S
Temperature Compensation	Auto / Manual	—	Auto
Temperature Coefficient	—	—	0.00~10.00% adjustable (default 2.00%)
Temperature Reference	—	—	15.0~30.0°C adjustable (default 25°C)
TDS Coefficient	—	—	0.40~1.00 adjustable (default 0.50)
Salinity Coefficient	—	—	0.65
Ingress Protection	IP67	IP67	IP67
Calibration	Auto, up to 5 points	—	1 point
Electrode	CS1930	CS2930	CS3930
Power Supply	1x1.5V AAA	1x1.5V AAA	2x1.5V AAA
Memory	10 sets	10 sets	10 sets
Display	22x32mm Photo-Luminescent LCD	22x32mm Photo-Luminescent LCD	22x32mm Photo-Luminescent LCD
Dimensions/Weight	164x37x40mm/90g	164x37x40mm/90g	164x37x40mm/90g

TESTER ACCESSORIES

CS1930 - pH Electrode

Type: Glass
Test Range: 0~14pH
Temperature Range: 0.0~60.0° C
Electrolyte: 3 mol KCL



CS2930 - ORP Electrode

Type: Platinum
Temperature Range: 0.0~60.0° C
Reference System: Ag/AgCl
Electrolyte: 3 mol KCL



CS3930 - Conductivity Electrode

Type: PPS/Graphite
Temperature Range: 0.0~60.0° C
Cell Constant: K=1.0



Water Measurement Tester

Dissolved Oxygen / Free Chlorine / Ozone Tester

Feature

- ※ Extensive application : Aquacultural: Use to monitor oxygen levels in ornamental fish tanks and ponds ; fish and shells farming and food & beverage,drinking water,swimming pools.
- ※ Display: Large LCD screen with backlit for easy reading, provides comprehensive meter information.
- ※ Easy Maintenance, no tools needed to change batteries and electrode.
- ※ Auto-off function, data-memory function and stability indicator, low-batteries indicator.
- ※ Auto data hold/lock function for reading stable measuring data.
- ※ Multi-purpose carrying case.
- ※ Electrode slope indicator display(DO30).

DO30



FCL30



DOZ30



Specifications	DO30	FCL30	DOZ30
Range	0.00~20.00mg/L, 0.0~200.0%	0.05~10.00ppm	0.05~5.00ppm
Temperature Range	0.0~60.0°C/ 32.0~140.0°F	0.0~60.0°C/ 32.0~140.0°F	0.0~60.0°C/ 32.0~140.0°F
Resolution	0.01mg/L, 0.1%, 0.1°C/ 0.1°F	0.01ppm, 0.1°C/1°F	0.01 ppm
Accuracy	±1.5%F.S. ±0.3°C/0.5°F	±2%F.S.	±2%F.S.
Temperature Compensation	Auto	—	—
Atmospheric Pressure Compensation	600~1100 mbar	—	—
Salinity Compensation	0.0~40.0 ppt	—	—
Ingress Protection	IP67	IP67	IP67
Calibration	1 or 2 points	2 points	2 points
Electrode	CS4930	CS5930	CS6930
power Supply	1x1.5V AAA	2x1.5V AAA	2x1.5V AAA
Memory	10 sets	10 sets	10 sets
Display	22x32mm Photo-Luminescent LCD	22x32mm Photo-Luminescent LCD	22x32mm Photo-Luminescent LCD
Dimensions/Weight	164x37x40mm/90g	164x37x40mm/90g	164x37x40mm/90g
Remark	—	A530 Miniature Stirrer with a constant speed.	—

TESTER ACCESSORIES

CS4930 - Galvanic DO Electrode

Type: Platinum Cathode/Alloy Anode

Test Range: 0~20mg/L

Temperature System: NTC22K

Temperature Range: 0~60°C



CS5930 - FCL 30 Electrode

Type: Three-electrode sensor

Temperature Range: 0~60°C

Reference System: Ag/AgCl

Electrolyte: 3 mol Colloid KCL



CS6930 - DOZ 30 Electrode

Type: Three-electrode sensor

Temperature Range: 0~60°C

Reference System: Ag/AgCl

Electrolyte: 3 mol Colloid KCL

